

'09 Class Has Record Low Admission Rate

By Jeffrey Chang
STAFF REPORTER

MIT's undergraduate admissions acceptance rate hit an all-time low of 14.3 percent this year, with only 1,495 of 10,439 applicants accepted into the class of 2009.

This year's acceptance rate is significantly below the 16 percent acceptance rate for the classes of 2007 and 2008, while the total number of applicants was only 25 fewer than last year's.

"The admissions rate was low because we admitted fewer people in order to fill a smaller class of 980," wrote Dean of Admissions Marilee Jones in an e-mail. "We targeted an

unusually high yield so that we'll be sure to go to the waitlist, which we haven't been able to do for the past two years," she wrote.

The admitted students come from 48 states and 66 countries. Forty-nine percent are female, and the SAT averages are "the highest we've seen," Jones wrote.

"This year's class is just great. We have all the usual constituencies, but they seem to have some real sparkle," she wrote.

A list of the admitted students was made available for viewing yesterday morning in room 10-100. Students must present their MIT ID cards to view the list.



Wu Voted '06 Council Pres. in Close Runoff

By Kathy Lin
EDITOR IN CHIEF

Kimberley W. Wu has won the 2006 Class Council presidential election, after a 215-215 vote tie with Nikhil S. Shenoy forced a runoff that ended at 11:59 p.m. last night.

Wu, who said she is "just really happy," won by a narrow margin of

✓ Wu253
Shenoy ...242

only 11 votes, according to an e-mail from Tiffany L. Seto '06, the chair of the Undergraduate Association Election Commission. "Both candidates were very strong choices," Seto wrote.

Wu will join running mate Clarence Lee '06, who won the vice presidential race last week during the regular elections, as well as several other 2006 Class Council winners who endorsed her via campaign posters in the past week.

Class Council presidential and

vice presidential candidates cannot officially run as one ticket, so two candidates running as one ticket may receive different numbers of votes. Lee, who received 247 votes, beat Shenoy's running mate, Noelle J. Kanaga, and the other vice presidential candidate, Bella C. Liang, who received 102 and 133 votes, respectively.

"I'm really happy that Kim was able to win the election," Lee said, adding that he was very impressed by the effectiveness of Shenoy's campaign and the amount of support Shenoy was able to rally.

Wu plans to continue "senior traditions like Senior Week, Pub Nights, Booz Cruise, Career Fair, and Senior Ball," as well as start new events like '06 nights every other week, '06 Boston Dining Nights, and an '06 Student Advisory Committee, according to her platform.



OMARI STEPHENS—THE TECH

Min Deng '06 plays the violin during the MIT Symphony Orchestra performance held last Friday, March 11 in Kresge Auditorium. See review, page 9.

Harvard Faculty of Arts & Sciences Vote Lack of Confidence in Summers

By Marcella Bombardieri
and David Abel

THE BOSTON GLOBE

CAMBRIDGE

Members of Harvard's Faculty of Arts and Sciences passed a vote of no confidence Tuesday in Lawrence H. Summers '75, dealing a stunning rebuke to the president of one of the world's top universities.

The vote, which astonished even some fierce critics, made clear that the faculty's disenchantment with Summers is deeper than many had imagined. After the vote, Summers renewed his pledge to improve relations with Harvard's scholars.

"My hope now is that our faculty will be in a position to move forward strongly and in a united way

in the important issues that we are facing," he told reporters gathered outside the Loeb Drama Center, where the meeting had been moved to accommodate more than 550 participants.

The motion, stating simply that "the Faculty lacks confidence in the leadership" of Summers, passed by a secret ballot vote of 218 to 185, with 18 abstentions. A second motion that offered a milder censure of the president passed 253 to 137, also with 18 abstentions.

The votes have no official impact. Only Harvard's governing corporation has the power to fire Summers, and it has stood by him since his comments in January suggesting that women might not have

the same "intrinsic aptitude" in science as men touched off a bitter campus debate about his management of the university.

Last night, James Houghton, the corporation's senior member, reiterated in a statement that "the members of the Corporation fully support President Summers in his ongoing efforts to listen thoughtfully to the range of views being expressed by members of the university's faculties and to work collegially and constructively with them to address the important academic matters facing Harvard."

But resolutions like that adopted last night are unheard of in modern Harvard history, and critics expect

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BRIAN HEMOND—THE TECH

Firefighters from the Cambridge Fire Department look over the smoldering remains of a car that caught fire on Massachusetts Avenue at Amherst Street yesterday afternoon.

Elzbieta Ettinger

MIT NEWS OFFICE

Elzbieta Ettinger, a novelist, biographer, and professor of writing who helped build the MIT Program in Writing and Humanistic Studies, died of heart failure in her home in Cambridge, Mass., on Saturday, March 12. She was 80 years old.

A native of Warsaw, Poland, Ettinger survived the Holocaust, escaping the Warsaw ghetto shortly before its liquidation; she then worked for the Polish resistance while maintaining a false identity as a Catholic Pole (she was also known by her wartime pseudonym, Elzbieta Chodakowska). Her experiences during the Second World War were chronicled in her first novel, *Kindergarten* (1968), described by the *New York Times Book Review* as a work "one reads with frozen attention."

A self-described rebel who believed in the promise of socialism as an antidote to social and economic inequality, Ettinger refused to be silent about the totalitarian nature of the Soviet-influenced Polish

Ettinger, Page 11

New Degree Approved

A new undergraduate degree program in mechanical and ocean engineering in the Department of Mechanical Engineering was approved Wednesday by the faculty. The degree program will contain five subjects with ocean engineering content, half the number in the ocean engineering bachelor's degree that it will eventually replace.

The Tech will not publish during spring break. Publication will resume Tuesday, March 29.

NEWS

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WORLD & NATION

Bush Plan for Arctic Oil Drilling Advances in Senate

By Sheryl Gay Stolberg
THE NEW YORK TIMES

WASHINGTON

President Bush’s long-stalled plan to open up Alaska’s Arctic National Wildlife Refuge to oil drilling cleared a major hurdle on Capitol Hill on Wednesday, when the Senate voted to include the proposal in its budget — a maneuver that smooths the way for Congress to approve drilling later this year.

By a vote of 51-49, Republicans defeated an attempt by Democrats to eliminate the drilling language from the budget. The vote does not ensure that drilling will ultimately be approved. But if the budget is adopted, Senate rules would allow the passage of a measure opening the Arctic with a simple majority of 51 votes, escaping the threat of a filibuster, which has killed it in the past.

The vote was a major turning point in one of the most contentious and long-running energy debates in Washington at a time when Senate Republicans, using the power of a newly expanded majority, have been pushing through bills that opponents say favor big business.

Drug Might Cause Liver Damage, Company and FDA Say

By Andrew Pollack
THE NEW YORK TIMES

Biogen Idec’s multiple sclerosis drug Avonex might cause severe liver damage in rare cases, the company and the Food and Drug Administration said Wednesday.

The warning was another blow, though probably only a glancing one, to Biogen, already reeling from the halt in sales of its other multiple sclerosis drug, Tysabri, which was linked to a rare brain infection.

In a related development, GlaxoSmithKline said Wednesday that the FDA had ordered it to halt a trial of its multiple sclerosis drug, which is similar to Tysabri. A Glaxo spokesman said the company understood that the move was a precaution in trials of all drugs in the same class. A spokeswoman for the FDA said the agency could not comment because of confidentiality about clinical trials.

In a letter posted on the FDA Web site, Biogen said severe liver injury, including liver failure, “has been reported rarely in patients taking Avonex.” It said doctors should especially consider the risk when Avonex is used along with other drugs that can cause liver damage, or in patients who drink alcohol.

Money to Clean Up Polluted Sites Goes Unspent by State

By Anthony Depalma
THE NEW YORK TIMES

A state environmental law passed in 2003 to help clean up polluted industrial sites known as brownfields sets aside \$15 million a year for the most heavily contaminated neighborhoods in New York state.

But not one dollar has yet been spent, because Gov. George E. Pataki and the leaders of the state Legislature have failed to sign a memorandum of understanding outlining how the money should be divided up.

The last two state budgets have included \$15 million each year for programs in these neighborhoods, and the governor’s new budget proposal calls for another \$15 million. But Republicans in the Senate took steps this week to eliminate the latest appropriation until the \$30 million backlog is spent.

Because of the impasse, residents of the polluted neighborhoods that applied for grants say they have not been able to advance their plans to clean up old junkyards, gas stations and other sites that are not polluted enough to be put on the Superfund list of the worst toxic sites but cannot be built on unless they are decontaminated.

Senate Votes against Cutting Medicaid in Setback to Bush

By Sheryl Gay Stolberg
THE NEW YORK TIMES

WASHINGTON

President Bush’s plans to reduce the explosive growth of Medicaid, the government insurance program for the poor, ran into a roadblock on Capitol Hill on Thursday when the Senate voted to strip its 2006 budget of all proposed Medicaid cuts. The move threatens to prevent Congress from adopting a budget this year.

By a vote of 52-48, senators agreed to strike language calling for \$14 billion in Medicaid spending cuts over the next five years. Instead, the Senate decided to create a commission to study the program and recommend changes, reporting back in one year.

The vote, a rebuke to both the White House and the Senate leadership, put the House and Senate on a collision course. It came just hours before the House, by a vote of 218-214, approved its own \$2.57 trillion budget resolution that included \$69 billion in cuts to entitlement programs, including Medicaid. The Senate continued work on its version of the budget Thursday night.

With the two chambers so far apart on spending reductions, the

chairman of the House Budget Committee, Jim Nussle, R-Iowa, warned that reconciling the two documents would prove difficult.

“We have arguably our work cut out for us now,” Nussle said. He characterized the Medicaid vote as a setback for Bush’s domestic agenda, suggesting that “the momentum” of the entire package, including spending control, Social Security and tax code changes, was now at stake.

“If the Senate is not going to follow in the first item on the president’s agenda,” Nussle said, “then that is, I think, a signal that the president needs to receive and react to immediately.”

Bush praised the House budget in a statement released by the White House, saying, “It closely follows my budget proposal and reflects our shared commitment to be wise with the people’s money and restrain spending in Washington.” The president did not comment on the action in the Senate.

The Senate’s decision to strike the Medicaid cuts came during a chaotic, daylong voting marathon as lawmakers rushed to finish work on the budget before leaving for their two-week Easter recess, breaking

only to consider legislation that would have allowed a federal court to review the case of Terry Schiavo, a Florida woman who is in a vegetative state and whose feeding tube is scheduled to be removed on Friday.

Senators spent nearly the entire day in the chamber, voting on more than two dozen budget amendments, on matters including national security, vocational education grants and prescription drugs for Medicare beneficiaries. They overwhelmingly voted, 66-31, to keep funding for urban development grants, despite a proposal by the White House to trim the program substantially.

They also rejected a Democratic attempt to strip cuts in farm subsidies from the budget. And a proposal to allow the Department of Health and Human Services to negotiate directly with pharmaceutical companies when buying prescription drugs for Medicare beneficiaries was narrowly defeated, 50-49.

But the amendment striking the Medicaid cuts, sponsored by Sen. Gordon Smith, R-Ore., was by far the most troubling to the Republican leadership. Seven Republicans joined with the Senate’s 44 Democrats and one independent to approve the proposal.

CIA Head Admits ‘Uncertainty’ About Torture Use Guidelines

By Douglas Jehl
THE NEW YORK TIMES

WASHINGTON

Porter J. Goss, the director of central intelligence, said on Thursday that he could not assure Congress that the CIA’s methods of interrogating suspected terrorists since Sept. 11, 2001, had been legally permissible under federal laws prohibiting torture.

Under sharp questioning at a hearing before the Senate Armed Services Committee, Goss sought to reassure lawmakers that all interrogations “at this time” are legal and that no methods currently in use constituted torture. But he declined, when asked, to make the same broad assertions about practices used over the last few years.

“At this time, there are no ‘techniques,’ if I could say, that are being employed that are in any way against the law or would meet — would be considered torture or anything like that,” Goss said in response to one question.

When he was asked several minutes later whether he could say the same about techniques employed by the agency since the campaign against al-Qaida expanded in the aftermath of the 2001 attacks in the United States, he said, “I am not able to tell you that.”

He added that he might be able to elaborate after the committee went into closed session to take classified testimony.

Goss’ statements came closer than previous statements from the

agency to an admission that at least some of its practices may have crossed the legal limits, and had the effect of raising new questions about the CIA’s conduct in detaining and questioning terror suspects, and in transferring them to foreign governments, in what remains one of the most secretive areas of the government’s efforts to combat terrorism.

Asked to clarify his remarks, the agency issued two statements, but no official would agree to be named because of the highly classified subject matter.

“The agency complies with the laws of the United States, and the director’s testimony consistently stated that,” said a CIA spokeswoman.

WEATHER

Glimmers of Spring

By Roberto Rondanelli
STAFF METEOROLOGIST

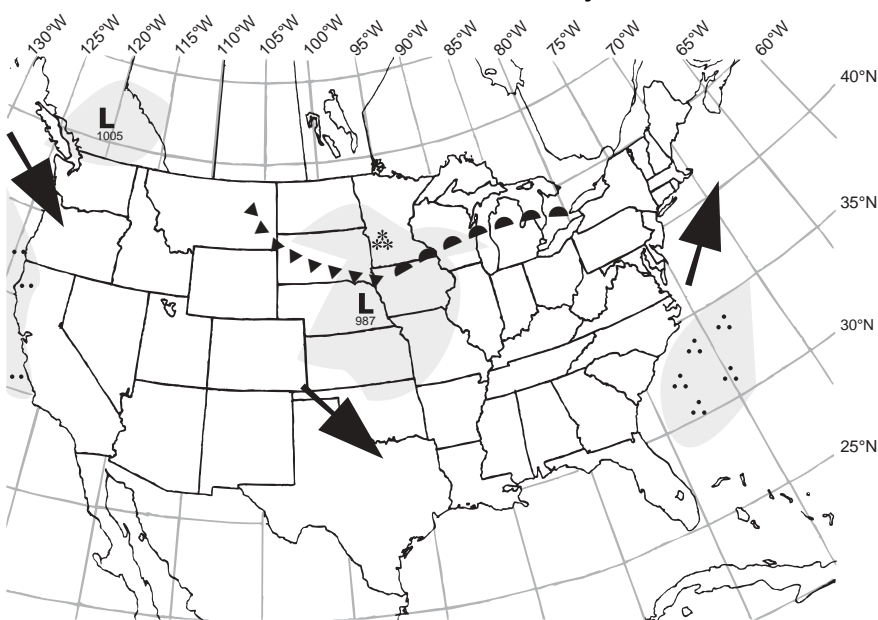
Shy glimpses of the spring are starting to appear in the forecast horizon and also in reality. Although temperatures are still a bit low compared to climatology, signals of spring are unmistakable. The frozen layer over the Charles River is already gone for the most part; in contrast, this didn’t happen until the end of March during the last two years.

The current position of the upper level jet south and east of Massachusetts is keeping our weather dry and also preventing any significant large scale warming. However, a relatively weak storm will make its way through our region during the weekend, bringing some precipitation by Sunday afternoon. After this, the forecast shows a recovery of the dry conditions and possibly, although it’s too early to say for sure, warmer conditions by the end of next week.

Weekend Outlook:

Today: Partly cloudy, then mostly clear in the afternoon. High 44°F (7°C)
Tonight: Mostly clear. Low 30°F (-1°C)
Saturday: Mostly clear. High 45°F (7°C)
Sunday: Partly cloudy varying to overcast in the afternoon. Possible rain or snow towards the end of the day. Low 31°F (-1°C), high 42°F (6°C)

Situation for Noon Eastern Standard Time, Friday, March 18, 2005



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow	Fog
L Low Pressure	Warm Front	Light	Thunderstorm
Jet Stream	Cold Front	Moderate	Haze
	Stationary Front	Heavy	Compiled by MIT Meteorology Staff and The Tech

Bush Picks Ohio Congressman As Next Trade Representative

By Elizabeth Becker
THE NEW YORK TIMES

WASHINGTON

President Bush announced Thursday that he had selected Rep. Rob Portman, R-Ohio, who is one of his closest friends in Congress, to be the next U.S. trade representative.

Portman, a former international trade lawyer and one of the few Republican House leaders who works well with Democrats, was hailed as a strong choice by lawmakers of both parties and by many trade groups.

In making his announcement in the White House’s Roosevelt Room, Bush referred to Portman as a “good friend, a decent man and a skilled negotiator.”

Then the president listed the “bold agenda” facing Portman if he is confirmed by the Senate, from winning passage of new regional trade agreements to negotiating a global treaty that could require a reduction in farm subsidies.

For his part, Portman said he, too, believed that “open markets and

better trade relations are key components to a more peaceful, a more stable and a more prosperous world.”

With the United States trade deficit at historic levels — it reached \$617 billion in 2004 — even Portman’s friends say that he will need to use all his skills to win approval for new trade agreements from a Congress increasingly skeptical about the administration’s stance that more trade agreements will help diminish the deficit.

Rep. Marcy Kaptur, D-Ohio, expressed delight that a fellow Ohioan was selected for the trade position but said she was concerned that he is “inheriting an absolute mess.”

“I hope he is true to his state and negotiates trade agreements that raise our standard of living, but we have never had worse trade deficits or more questions about the consequences of trade,” she said in an interview.

Republicans were uniformly thrilled with the announcement,

especially since it helped shift the focus in Congress away from the president’s nomination of Paul D. Wolfowitz as the next president of the World Bank, a choice that was criticized by many Democrats.

“I don’t know if this was planned or not but Rob’s nomination couldn’t have come at a better time,” said a Republican lawmaker who spoke on condition of anonymity.

Portman will succeed Robert B. Zoellick, who left the position nearly a month ago to become the deputy secretary of state. In the meantime, foreign trade leaders, including Peter Mandelson, the European Union’s top trade official, have publicly worried that without a permanent American trade negotiator, trade talks would falter.

Supachai Panitchpakdi, the director-general of the World Trade Organization, had even traveled to Washington last week in hopes of discussing the critical stage of current global trade talks with a new trade representative.

NASA Proposal to Cut Spending Draws Concern of Some Experts

By Warren E. Leary
THE NEW YORK TIMES

WASHINGTON

Continuing cuts in aviation research at NASA are endangering the country’s leadership in aeronautics and the aerospace industry, several experts testified on Wednesday.

Members of Congress and authorities on aviation expressed concern about National Aeronautics and Space Administration plans to reduce spending on aviation research by 20 percent over five years. Under the plans, some wind tunnels and other centers would be closed and hundreds of jobs eliminated.

“I am generally dismayed by the magnitude and trend of the proposed NASA aeronautics budget,” R. John Hansman Jr. of the Massachusetts Institute of Technology said at a hearing of the House Science Committee Subcommittee on Space and Aeronautics.

NASA has proposed an aviation research budget of \$852.3 million for the 2006 fiscal year, \$54 million less than this year, with more reductions planned in later years. On the whole, the Bush administration proposed a modest 2.4 percent increase in the NASA budget, to \$16.5 bil-

lion. Most of the increase is geared toward the Moon-Mars initiative, which would require officials to cut or reduce other programs like aviation research.

“This program is on its way to becoming irrelevant to the future of aeronautics in this country and in the world,” said John M. Klineberg, a retired NASA official and an industry executive who headed a National Research Council study group that examined the aeronautics programs. Klineberg said the review, published last year, found that NASA was trying to conduct too many aviation studies with diminishing budgets. The group suggested consolidating and focusing programs.

Klineberg said in an interview after the hearing that NASA should not use this recommendation to rationalize the cuts it was considering, including eliminating whole areas of research. “Our recommendations shouldn’t be used out of context as a justification for what is happening,” he said.

Aeronautics research, a NASA hallmark since the agency’s founding, has been credited with advances like new airplane wing designs, turbulence detectors to allow smoother flights, more fuel efficient engines

and research on wingtip devices that reduce drag and improve fuel consumption.

The research is concentrated at three centers, Glenn in Cleveland; Dryden in Edwards, Calif.; and Langley Center in Hampton, Va. All face budget and staff cuts.

The agency’s associate administrator for aeronautics research, Dr. J. Victor Lebacqz, defended the program, saying more focused research would continue to benefit NASA, the aviation industry and the nation.

“The United States remains a global power in aviation,” Lebacqz said. “We are developing technologies to improve safety, reduce environmental impact and improve the efficiency of aviation operations.” He conceded that NASA could use a clearer vision for the goals of the program, adding, “Perhaps the time is right for a vigorous national debate on such a policy.”

Members of Congress from the districts that include the research centers questioned the agency’s direction and pending budget cuts.

“We’re going to take the ‘A’ out of it, and it’s just going to be the National Space Administration,” Rep. Dennis J. Kucinich, D-Ohio, testified.

Palestinian Factions, Israelis Agree To Extend Truce through December

By Greg Myre
THE NEW YORK TIMES

JERUSALEM

Palestinian factions agreed Thursday to extend an informal truce through the rest of the year, adding momentum to recent efforts to end four and a half years of fighting.

The 13 Palestinian factions meeting near Cairo, Egypt, stopped short of declaring a complete cease-fire. They also set conditions on their offer that Israel is unlikely to meet fully, saying they would observe “the current atmosphere of calm in return for an Israeli commitment to stop all forms of aggression against our land and the Palestinian people and also the freeing of all prisoners.”

Still, the Palestinian agreement strengthens the de facto truce announced on Feb. 8 at a meeting between Israel’s prime minister, Ariel Sharon, and the Palestinian leader, Mahmoud Abbas. The agreement should buy time for Israeli and Palestinian political leaders to work on

solidifying the truce and negotiating on the many issues that divide them.

In a related step aimed at strengthening Sharon’s hand in securing Israeli backing for the withdrawal of settlers from the Gaza Strip and parts of the West Bank, Bush administration officials disclosed that the prime minister would visit President Bush at his ranch in Crawford, Texas, for the first time next month.

Administration officials say they want to do everything they can to show that American support is solid for Sharon as he faces challenges from the right wing in his own governing coalition against the coming withdrawals, which are expected to start this summer.

Sharon, in a telephone conversation with President Hosni Mubarak of Egypt, the host of the Palestinian meeting, called its outcome a “positive first step.” But Sharon also emphasized that the diplomatic process would not advance unless the “terrorist organizations” were

disarmed.

Abbas, who attended the talks, did not get the full cease-fire he has advocated. Still, the agreement is viewed as a success for the Palestinian leader and should improve his hand as he seeks to revive peace negotiations that collapsed after the current fighting began in September 2000.

Israel said the calm, while welcome, was not enough. “We’re thankful for the quiet,” said Mark Regev, a spokesman for Israel’s Foreign Ministry, “but this isn’t a real solution. We have to see the Palestinians start to move to disarm these groups.”

Still, Israel already is taking several steps cited by the Palestinian factions. On Wednesday it handed over security control to the Palestinians in the desert town of Jericho, and similar transfers are planned in four more West Bank towns. Last month, Israel freed 500 prisoners, and 400 more are to be released in the coming months.

Efforts to Stop Removal of Florida Woman’s Feeding Tube Fail

By Abby Goodnough and Carl Hulse
THE NEW YORK TIMES

MIAMI

Despite last-ditch efforts by Republicans in Washington and Tallahassee, Congress and the Florida Legislature failed to pass measures Thursday to halt the removal of a feeding tube from Terri Schiavo, a critically brain-damaged woman, on Friday afternoon.

Judge George W. Greer of Pinellas-Pasco Circuit Court has ordered the tube removed at 1 p.m., potentially ending the seven-year legal fight between Schiavo’s husband, who wants to let her die, and her parents, who believe she responds to them and want her to live. Greer has accepted the testimony of doctors who said that Schiavo, 41, is in a “persistent vegetative state,” meaning damage to her cerebral cortex has made her incapable of emotion, memory or thought.

In Congress, a day of rapid-fire events ended without a bill agreeable to both the House and Senate. Conservative lawmakers held out hope Thursday night that a deal could still be reached, but House officials said they were recessing for the Easter break and would not take up legislation that the Senate approved Thursday afternoon. Senators, meanwhile, said that the House-passed bill could not clear the Senate, leaving both sides frustrated and even angry.

“I just can’t conceive that this is going to be the end of the story,” said Sen. Mel Martinez, R-Fla. “It is too important. A life hangs in the balance.”

Oil Prices Rise Regardless Of OPEC’s Concern

By Jad Mouawad
THE NEW YORK TIMES

TEHRAN, IRAN

While OPEC ministers were being feted by Iran’s president on Wednesday with Persian food and Kurdish music, traders in the oil pit of the New York Mercantile Exchange sent them an unexpected message.

Hours after the Organization of the Petroleum Exporting Countries, which was meeting in Isfahan, Iran, decided to increase its production ceiling by half a million barrels a day, prices in New York spiked at a new high. On Thursday, oil futures in New York rose sharply, hitting \$57.60 before closing down 6 cents at \$56.40.

The new quota of 27.5 million barrels a day was seen as a signal that OPEC was trying to push prices down. In terms of actual oil production, however, the new quota did nothing, since the cartel is already producing 27.7 million barrels a day.

Crude prices have risen by about 50 percent in the last year. Some analysts believe \$100 a barrel is a possibility in the event of a major disruption in supplies, another war in the Middle East, for example.

For OPEC, the situation is paradoxical. The group is uncomfortable with today’s high prices. The OPEC president said he did “not accept this” while Saudi Arabia, the cartel’s most powerful member, favors oil at \$40 to \$50 a barrel.

But there is not much OPEC can do. Its 11 members are pumping close to 29 million barrels a day and do not have much more production capacity left to tap. Saudi Arabia, which has been pumping 9.5 million barrels a day since the beginning of the year, can add another million barrels or so, but the oil is mostly heavy crude that is less in demand.

11 More Defects Cited at Big Dig

By Raphael Lewis and Sean P. Murphy
THE BOSTON GLOBE

Big Dig managers announced Thursday the discovery of 11 more sections of the Interstate 93 tunnel walls that contain construction defects, but said the problems do not constitute a safety threat.

“We’re confirming that the tunnel is safe; it’s absolutely safe,” Bechtel/Parsons Brinckerhoff program manager Keith Sibley, the company’s top official on the Big Dig, told reporters Thursday.

With the discoveries, which Sibley labeled “minor defects,” the total number of wall sections that need to be repaired in the tunnels stands at 55, or roughly 5 percent of the areas inspected to date. Officials still have another 620 wall sections to inspect, Sibley said.

At the press conference Thursday, Big Dig officials say they have yet to agree on how to fix the defects, which were caused by extraneous material that was not removed when the tunnel walls were poured, creating soft spots that are prone to leaking. Turnpike Authority officials, along with Bechtel/Parsons Brinckerhoff, the private company overseeing the project, and Modern Continental Construction, the firm that built most of it, have been negotiating for nearly six months about a repair plan.

China Frees Muslim Woman On Eve of Rice’s Arrival

By Jim Yardley
THE NEW YORK TIMES

BEIJING

In steps apparently aimed at improving the diplomatic climate before a visit by Secretary of State Condoleezza Rice, China released its most prominent Muslim political prisoner on Thursday, and the Bush administration said it would not seek to censure China at the United Nations Human Rights Commission’s annual meeting in Geneva.

The release of the prisoner, Rebiya Kadeer, 58, was praised in Washington by Adam Ereli, a State Department spokesman, who also listed what he said were several recent “improvements” in China’s human rights record.

Kadeer was freed on a medical parole and was headed to the United States, according to the Dui Hua Foundation, the San Francisco-based human rights organization involved in the release.

The United States has treated Kadeer’s case as a priority ever since she was sentenced to eight years in prison in March 2000 for “illegally providing state intelligence abroad.” She is a member of the predominantly Muslim Uighur ethnic group in western Xinjiang province. Her crime was sending newspaper clippings about the treatment of Uighurs to her husband in the United States.

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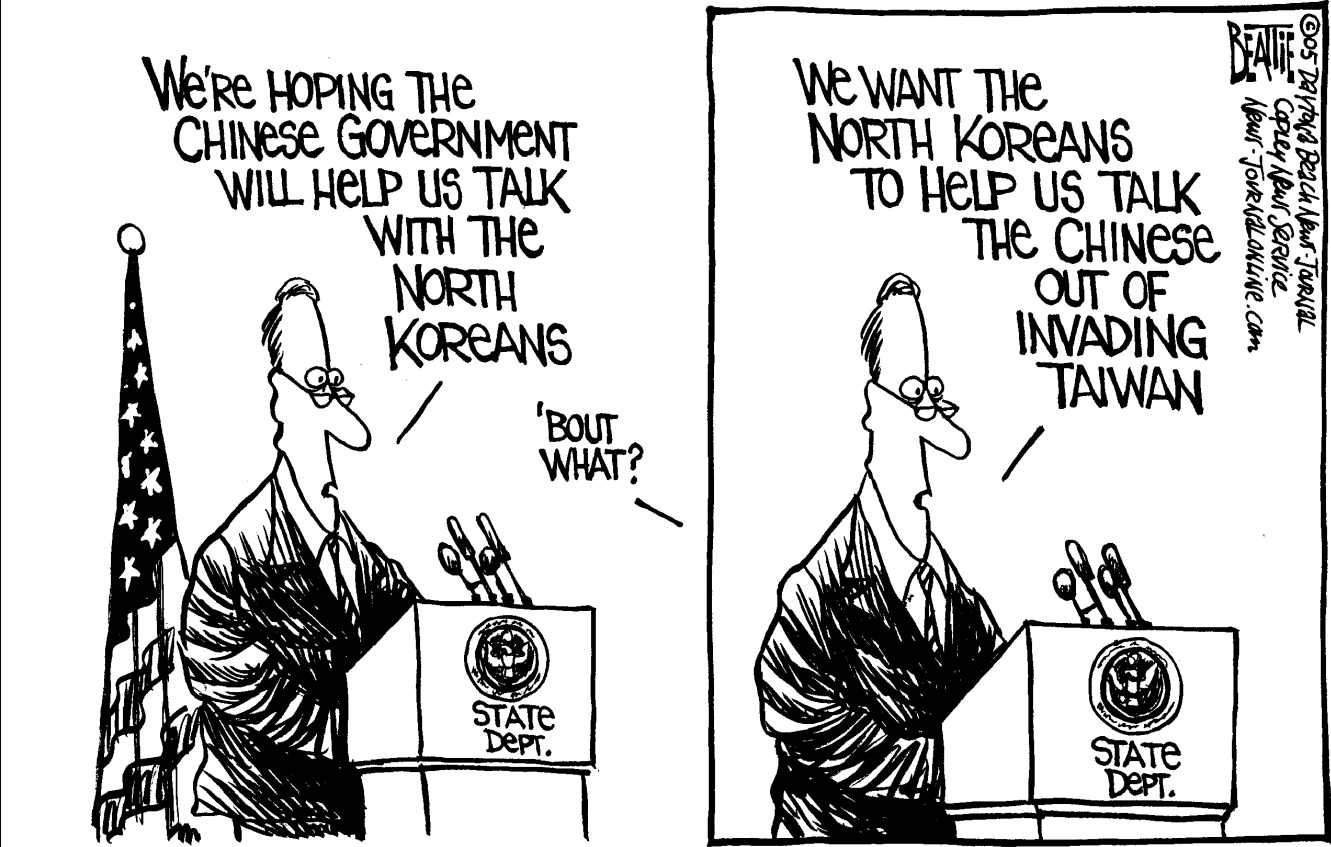
The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$45.00 per year Third Class by *The Tech*, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139. Third Class postage paid at Boston, Mass. Permit No. 1. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial: (617) 258-8329, business: (617) 258-8226, facsimile. *Advertising, subscription, and typesetting rates available.* Entire contents © 2005 **The Tech**. Printed on recycled paper by Charles River Publishing.

What's the Difference?

Ridiculous.
Mr. Roy [March 15, "Not Hacking!"] should be ashamed of himself for not considering URL manipulation a hacking offense. Regardless of whether Sloan is over-hyping this or not, the facts remain the same.
First off, let's define hacking as unauthorized computer access; it is a common, easy-to-digest definition. Mr. Roy states that changing a URL manually is not hacking.

This is the equivalent of somebody who is walking by a store which has its doors wide open in the middle of the night. He walks in, just to look around, mind you, not to steal anything, and leaves just shortly. Is that not trespassing? Unauthorized access is unauthorized access.
What if one of these applicants had some skills in PERL and wrote a script that traipsed throughout the entire site, creating and submitting random URLs until one worked?

Would you agree that that is hacking?
If so, then what is the difference between this example and what really happened? A human enters a URL to access a part of a Web site he does not have authorization for — not guilty. A human creates a program which enters a URL to access a part of a Web site he does not have authorization for — guilty.
So, what's the difference?
Patrick Paul
Biology Research Staff



Erratum

A front page photo caption in Tuesday's issue incorrectly stated the location of The Great Latke-Hamentashen Debate. It took place in 10-250, not Kresge Auditorium.

Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, a senior editor, and an opinion staffer.
Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.
Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.
Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.
Guest columns are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

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Why Are You Talking?

Ken Nesmith

The MIT Drama Shop recently performed a play called “The Internationalist.” The play comprises a compelling discussion of international identity, contrasting American national character with a hybrid European and global national character. The play asks, almost nihilistically, if the strife of business, commerce, and status pursuit leech from our true humanity, decaying our identities and our souls, and if romance can be a salve to that decay. (The play says, “No.”) I think the play makes some mistakes, taking answers that are too easy once in a while, but the work engages several topics in an interesting dialogue. At the end of “The Internationalist,” the actresses and actors did a noteworthy thing: they took a bow.

The bow seemed an acknowledgement that their work was not purely discourse; the actors had not fully subsumed the play’s investigation and engagement of issues as their own. They were putting on a show for their friends and fans, not investigating an idea. A terminal bow marked the ultimate purpose of the performance as an element of social dialogue, not ideological discourse, as the prior two hours of performance suggested. Such a bow is, of course, common. An audience engrossed in the dilemmas ideated in a given play is invited to stop thinking and to closet away tough questions since this, after all, is just a play. Here, the awkwardness and halfheartedness of the curtain call seemed to reflect that anxiety of purpose. After a vigorous and well-acted production, the players danced self-consciously across the stage, took their bows, and shuffled off again, apparently uneasy with the conflicting aims of the production.

The same divergence is apparent in everyday discourse. Personal discussions and arguments are often waged less for consequences that relate to their subject matter, which can range from minor to nonexistent, than for the

sake of personal needs and the social effects of argumentation. The nominal purpose of such exchanges, as revealed by the words exchanged, is divorced from the actual purpose. At the end of a vicious debate, opponents might shake hands with mutual respect, even though positions they’ve just defended might variously require that they consider their opponent irrational or ignorant, some shade of a baby killer or an oppressor of women, a Bible thumping simpleton or a soulless atheist, or a racist or a demagogue, depending on the specific topic of a particular debate. Those conclusions are marginalized, and the material discussed is brushed aside. The real purpose was just a battle and social contest. Then discussion is betrayed as recreational, a frivolous social outlet that might as well be any other.

We can ask the same question not just of conversational discourse, but of the written variety. Why do students publish columns in *The Tech*? Sometimes, columns are indeed written for the sake of their content, to influence opinion and change minds. But if discourse is a social outlet like any other — say, athletics — then its purposes should parallel those of something like athletics, and indeed they do. Athletics are not always about the pursuit of fitness, nor is discourse always about the pursuit of truth. Columns are written for frustration, to tweak the noses of ideological opponents, to inflame and generate anger rather than craft understanding. They are written for status; to impress girls, guys, peers, and professors; to flex muscle, to timidly deploy new vocabulary words and ... how to say it ... bombastic grandiloquence like a child showing off a shaky handstand.

These are all social ends. But written discourse can also serve as a personal reassurance of sanity. It is a check that if a thought can be written, there must be some rationality underpinning it. Airing a private thought process offers a reconnection with and validation of the logos; an assurance of one’s sanity via social approval, which is a dependence

that can become unhealthy. Publicizing discourse can restore one’s trust in one’s own thoughts, and some seek public forum for the same reason people like to talk through their problems with friends: often it’s not to get advice, it’s just to have someone listen to their internal machinations, which is calming. Interestingly, writing can become addictive as athletics or other social outlets can become addictive — having thought through an argument, if you fail to write it, it’s as if you’ve skipped a workout, cheating your mind just as you might cheat your body of needed exercise.

Spoken and written discourse can clearly have primary purposes that are divorced from their content. But that divorce extends beyond discourse. The same sunderance can be identified in most facets of life: in science, researchers often compete to publish papers and earn stature, rather than to solve scientific problems, which might be done better collaboratively. Marriages are made for myriad ends besides love — status, wealth, religion, convenience, pregnancy, and so forth. People do community service and UROPs to burnish resumes. We purchase all manner of commercial items for their social status effects, rather than their functional purpose. Divorce between stated purpose and actual or revealed purpose is everywhere, and generally speaking, the more such differences are widely acknowledged and understood, the less damage they cause.

Most of those points are obvious — everyone knows that people buy things to gain social status and wed for wealth. But watching “The Internationalist,” I found the separation between content and purpose especially unnerving, probably in the way that the revelation of any ulterior motive pertinent to something important to us is unnerving.

I’ve studied very little theater, and perhaps what I’ll propose now is a familiar part of theater history. I would like to see a play conclude without a bow, leaving the audience in the realm of discourse, instead of so readily breaking the connection to a fantastic dialectic by reminding us that these are just actors, just putting on a play, seeking the social approval of their audience. The audience could be forced to break that connection themselves and would step from the theater with the play rather than the resigned, unnatural interruption of applause lingering in their minds. The play’s purpose would then be its content, not something else. A film on genocide could conclude not with credits, acknowledging all of the hard work of actors, set designers, sound editors, and production assistants that created this element of social dialogue, but could instead conclude with finality, a fade to blackness and silence that left the ball in the viewer’s court. These would be moving ways to expand the power of theatrical discourse. Compelling the same candidity of purpose in other fields is another matter.

At the end of a vicious debate, opponents might shake hands with mutual respect, even though positions they’ve just defended might variously require that they consider their opponent irrational or ignorant, some shade of a baby killer or an oppressor of women, a Bible thumping simpleton or a soulless atheist, or a racist or a demagogue, depending on the specific topic of a particular debate.

Nesmith Distorts Krugman’s Views on Social Security

David Berman

In the March 8 issue of *The Tech*, Ken Nesmith purports to summarize a host of Paul Krugman’s *New York Times* editorials, to “help counterbalance whatever influence the *New York Times* has on national opinion.” Instead of object analysis, however, Nesmith’s summaries are full of convenient omissions and misguided criticisms, and they use logic almost as faulty as that contained in President Bush’s privatization plan.

Paul Krugman is one of the preeminent economists of our time, and is widely respected in the field. He has published 20 books and has written for the *New York Times* since 1999. He’s been awarded numerous medals and honors. But more important than his biography is his aptitude for well-reasoned, logical economic analysis. For all of these reasons, it’s quite revolting to see his work distorted and maligned because it doesn’t seem to reinforce Nesmith’s personal politics.

Nesmith’s article is full of half-truths and

erroneous summaries. Perhaps the most misleading number he cites is the “\$10 trillion” shortfall of the current Social Security system. This number is taken directly from the Bush administration’s talking points and is based on an “infinite horizon model,” which is never used in practice. The Congressional Budget Office estimates the shortfall over 75 years to be \$1.9 trillion — just 0.35 percent of the GDP. This is still a significant number, but compare that to the estimated \$8.1 trillion cost of the recently-passed Prescription Drug Benefit or the \$11.1 trillion cost of making the Bush tax cuts permanent.

Nesmith talks as if it’s to be taken for granted that we need a new national retirement plan, when in fact we already have one that is functioning quite well. He then pro-

ceeds to repeatedly attack Krugman for failing to propose a new retirement plan, which makes no sense — Krugman’s intent is to defend the one we currently have! Why would he propose a new one?

Nesmith talks as if it’s to be taken for granted that we need a new national retirement plan, when in fact we already have one that is functioning quite well.

Nesmith’s summary of Krugman’s Jan. 28 article is particularly reprehensible. He discusses Krugman’s problem with Bush’s attempt to exploit for political gain the difference in life expectancy between African-American males and other males. Nesmith boils Krugman’s article down to the following sentence:

“Two years isn’t that much, he says, so blacks are fine under the current system.” In doing so, he completely misses the two main points of the article: 1) Despite the life expectancy discrepancy, Social Security provides more return for African-Americans by using a pro-

gressive formula to determine benefits and by also being a disability insurance program. 2) Bush’s attempt to exploit this race-based discrepancy to further his privatization scheme instead of working to actually close the life expectancy gap is tantamount to bigotry.

Social Security is one of the most successful large-scale social engineering programs the country has ever seen. Despite the misleading statistics pushed by those interested in destroying it, the most conservative estimates show that Social Security will be solvent through at least 2042 and with no adjustment will still be able to pay out 81 percent of promised benefits after that time. Paul Krugman has been presenting an intelligent, well-reasoned defense of this program for quite a while, and his analysis deserves better than Nesmith’s partisan hack-job. In fact, what it really deserves is to be read, in full, by those interested in the facts. You can find his columns undistorted at <http://www.pkarchive.org/column/column.html>. Mr. Nesmith: You might want to give them a second look as well.

David Berman is a member of the class of 2000.

We’ll show you how
to get busy
in the dark room.

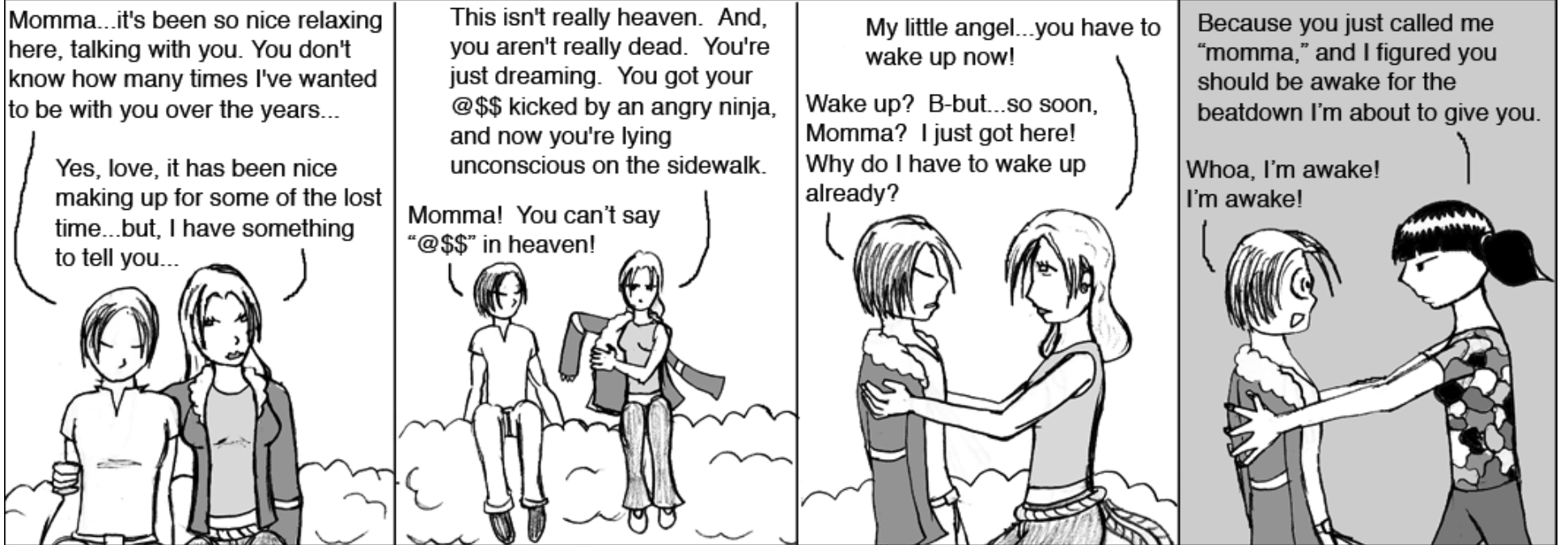


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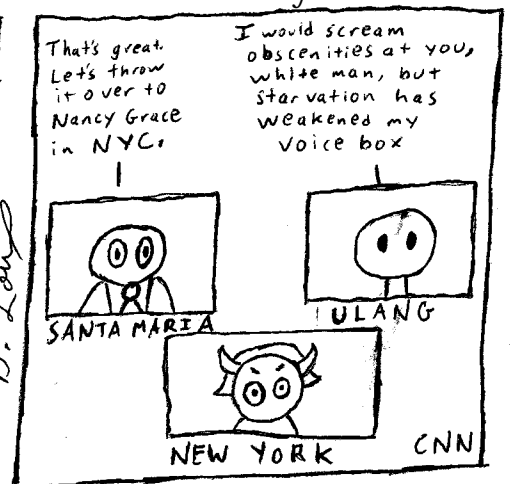
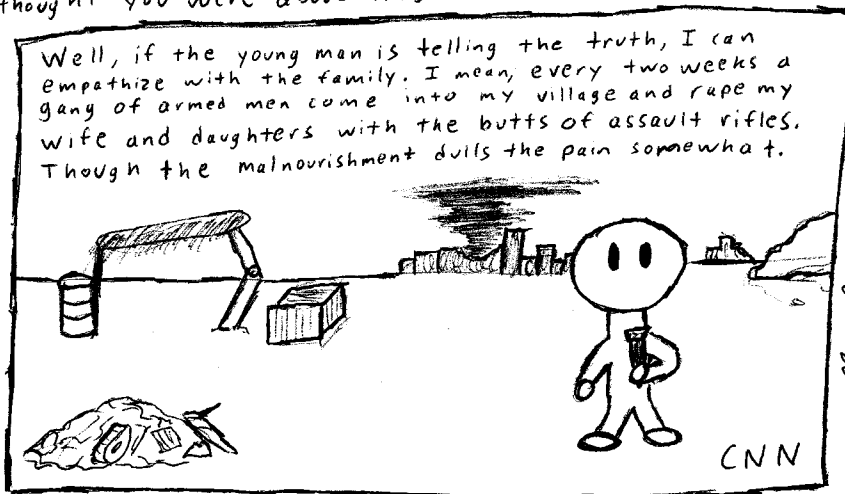
Trio

NEW animations on the intro page...try to find 'em! ALUM.MIT.EDU/WWW/EMIE

by Emezie Okorafor

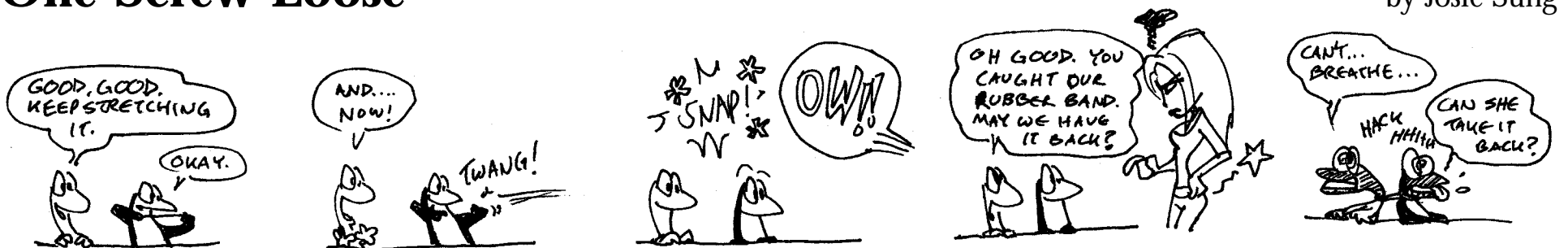


Aaron Brown's newsnight, I thought you were above this



One Screw Loose

by Josie Sung



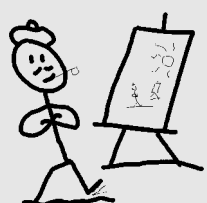
DEVIANTS FROM THE NORM

by A.K. Turza



[020] EAST MEETS WEST, PART:THE SECOND

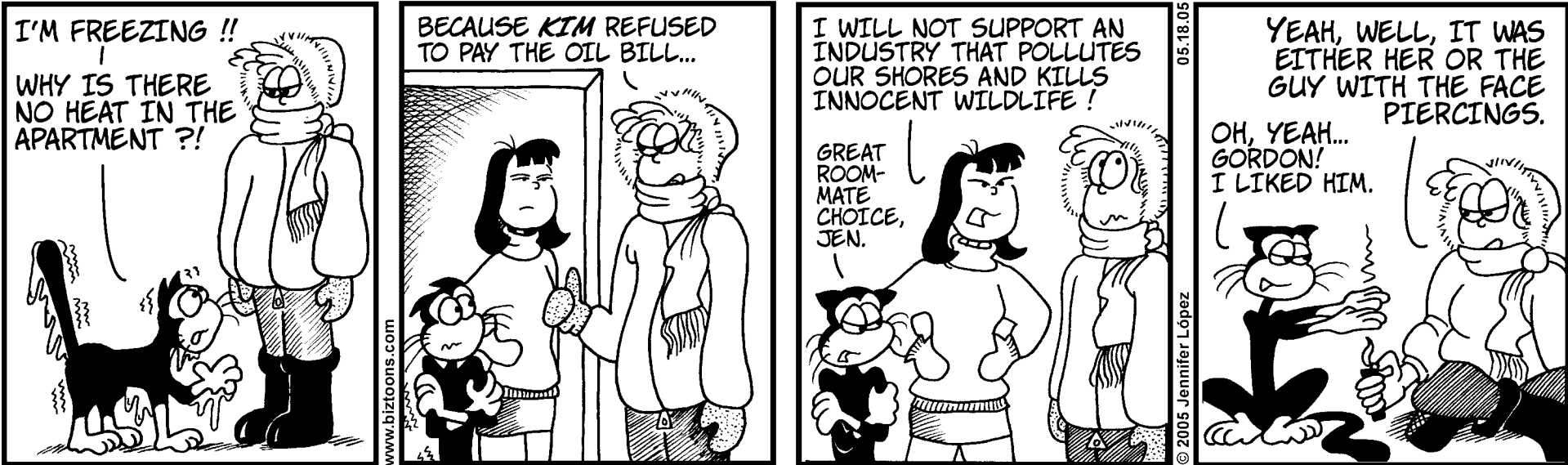
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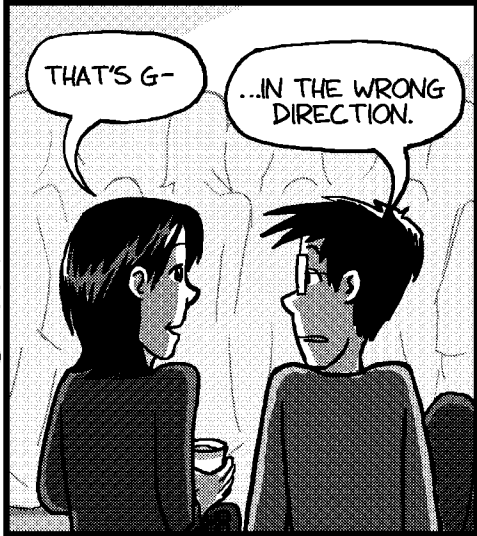
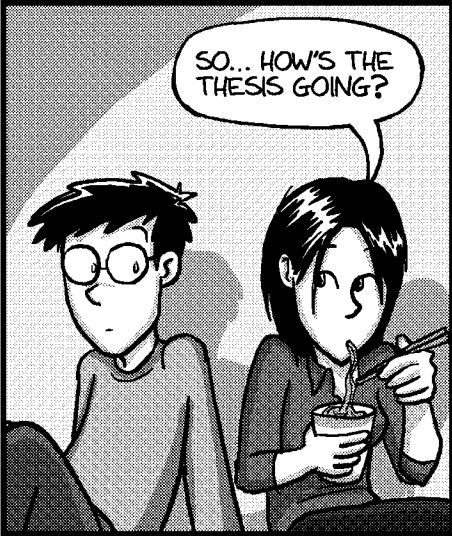
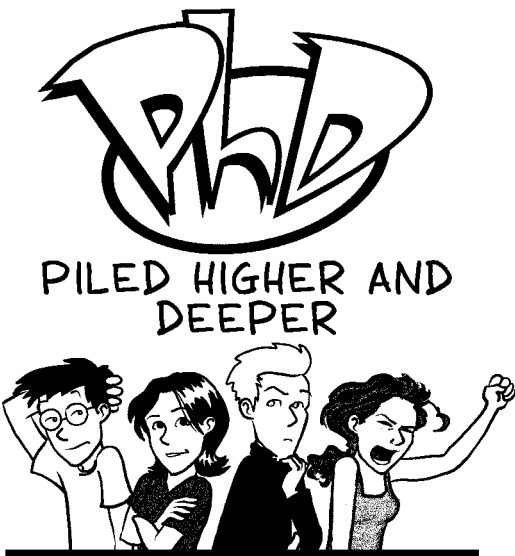
Think you can draw better than our artiste?
Then draw for *The Tech*! — join@tt.mit.edu

BizToons

BY JENNIFER LÓPEZ



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KRT Crossword Puzzle

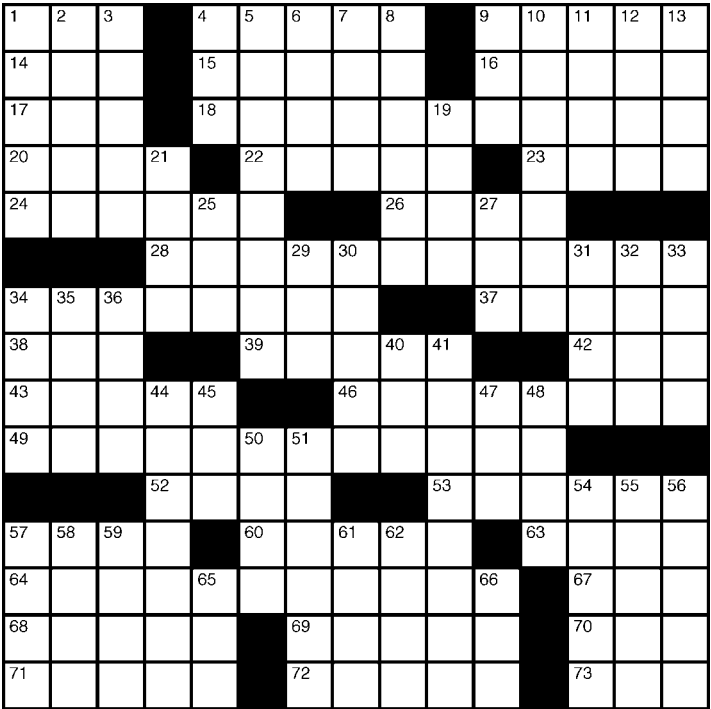
Solution, page 14

ACROSS

- 1 Ford or Dodge
- 4 Parade vehicle
- 9 Chris of tennis
- 14 Wrath
- 15 Deciduous conifer
- 16 Bannister, e.g.
- 17 Chest bone
- 18 Tournament uncertainty
- 20 Average grades
- 22 Possessive pronoun
- 23 Skates
- 24 Drawing power
- 26 Evening in Torino
- 28 Tournament time
- 34 King novel
- 37 Lost
- 38 College cheer
- 39 Gilbert and Teasdale
- 42 Arista
- 43 Event site
- 46 Acting as toastmaster
- 49 Tournament winner
- 52 Vegetarian taboo
- 53 Puzzle
- 57 Sicilian mount
- 60 Dude from Dubuque

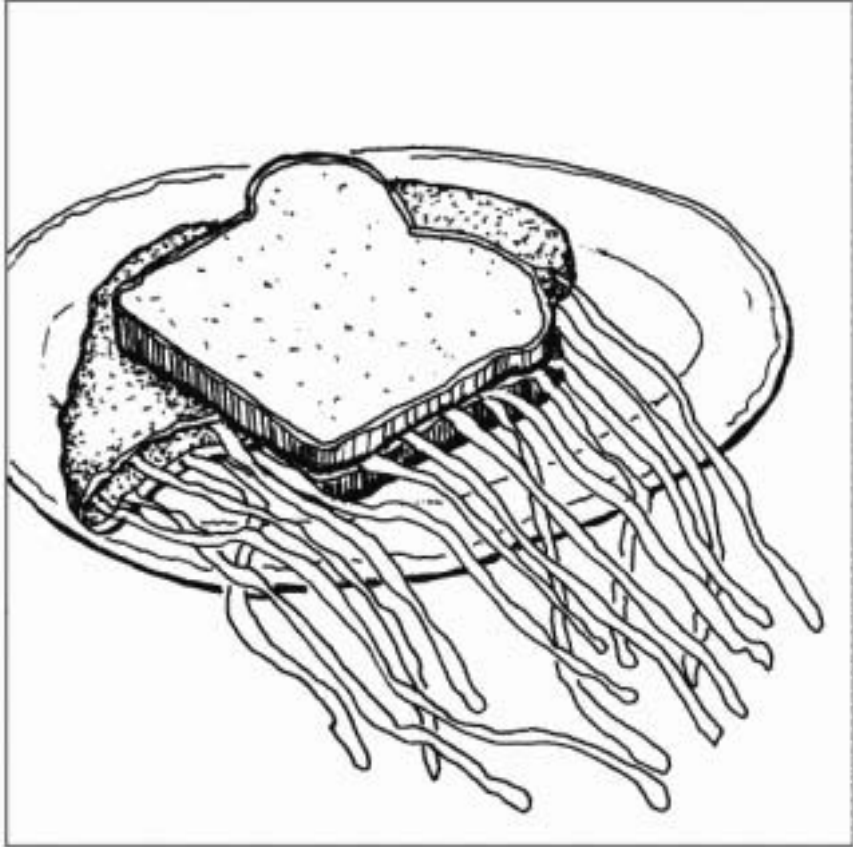
DOWN

- 1 Approximately
- 2 Sharon of Israel
- 3 Dissident
- 4 Spinoff of "Alice"
- 5 Portable lights
- 6 Correct: pref.
- 7 Longing
- 8 Belief in God
- 9 Aussie bird
- 10 Lively
- 11 Exile isle
- 12 Depend
- 13 Most of Paris?
- 19 La ___ Tar Pits
- 21 Japanese wrestling
- 25 St. Louis pro
- 27 Vitamin fig.
- 29 Natl. interest watchdog
- 30 Sheik's women
- 31 Actor Morales
- 32 Stitched
- 33 Caroled
- 34 Turkey's neighbor
- 35 DEA agent
- 36 Queens stadium
- 40 Elec. unit
- 41 Systematized disciplines
- 44 Identifiable
- 45 Unreturnable serve
- 47 Long, long time
- 48 Writer Bagnold
- 50 Reagan's Alexander
- 51 In conflict
- 54 Trade group
- 55 Dust-up
- 56 EAP part
- 57 Write on metal
- 58 Friend's pronoun
- 59 Foster film
- 61 Stand by
- 62 Dancer Pavlova
- 65 Saturn model
- 66 Old English letter



Splatform

by James Biggs



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Bonus
Crossword
Solution, page 13

ACROSS

1 Hidden snag
6 TV adjuncts
10 Open slightly
14 Loan-sharking
15 Half a train?
16 Mrs. Dithers of "Blondie"
17 Throat infection, briefly
18 Drag
19 Us opponent
20 Substitute batter
23 Forty winks
24 Junky jalopy
25 Funnyman Jay
27 Rely
30 Boxing proximity
34 Greek Cupid
35 Buckeye State
37 Keyboard key
38 Row's opp.
39 Afghan maker

41 Singer McGraw
42 Movie house
44 Table insert
45 Tableland
46 Esteems
48 Supplies with new weapons
50 "La __ Bonita"
51 On deck
52 Blast letters
54 Signal sender
60 Decomposes
62 Toe the line
63 Sea World performer
64 Table spread
65 Paint with words
66 Provisions
67 Workers' rights grp.
68 Fair-hiring grp.
69 Elbow grease

DOWN

1 Dental point
2 Italian wine region
3 1/3 of a Byrds hit
4 Christmas depictions
5 Syllable break
6 TV monitor, of a sort
7 Idle talk
8 Sound defeat
9 Sacred
10 Part of a play
11 "Three's Company" star
12 Type of code
13 Interstate exit
21 Wore
22 Film critic Ebert
26 TV sales channel
27 Interior look
28 Succumb to time and tide
29 Time trials leader
30 Bar mitzvahs and baptisms
31 Smidgen
32 Belief in God
33 Bombeck, et al.
36 Dagger handle
39 Prepared to pray
40 Actor Zimbalist
43 Harvest goddess
45 Perry of "Friends"
47 Singer King
49 Lives
51 Justin Timberlake's group
52 Disney sci-fi film
53 Football coach Chuck
55 Irish Rose's lover
56 Verne captain
57 Weight allowance
58 Jane Austen novel
59 Iron oxide
61 Cry out loud

1	2	3	4	5	6	7	8	9	10	11	12	13
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The Council for the Arts at MIT and the MIT Student Art Association invite all registered MIT students to submit works of visual art (2 dimensional, 3 dimensional, and video) to the Harold & Arlene Schnitzer Visual Arts Competition

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The show will hang in the gallery during commencement, from late May 2005 through June 30, 2005

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You may also download the material from the SAA web page:
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Winners will be announced on Monday April 11, 2005

If you plan to enter the Schnitzer competition, please send a confirmation email to cohen@media.mit.edu with "Schnitzer Prize" in the subject line

ARTS

CLASSICAL REVIEW

Musicians Met with Lack of Respect

MIT Symphony Orchestra Struggles to Satisfy Ignorant Audience

By Tony Hwang

MIT Symphony Orchestra
Kresge Auditorium
March 11, 2005, 8 p.m.

Though MITSO is an organization that has struggled with enrollment, the members that remain year after year are characterized by a fierce love for orchestra playing and the sense of community that follows from it. These musicians put in at least five hours of scheduled rehearsal per week and practice on their own time as well. Thus, when they put on a show, they deserve praise in the form of loud applause from the audience. However, this concert’s audience shamefully did no such thing.

Temporarily setting aside that issue, MITSO played a relatively short but flowing program of three pieces. For the most part, the music came off smoothly, and even in moments of emotional turmoil, the orchestra’s sound was still round with few sharp corners. As a former MITSO member and concertgoer, I am accustomed to hearing at least one piece per concert that feels extremely contemporary and more punctuated, and I was surprised to hear otherwise. Perhaps the conductor, Dante Anzolini, had a slight change of heart.

The concert opener was Mozart’s “Adagio and Fugue in C minor, K. 546” for strings,

and it showed off the individual talents of each string section. A convincing performance of this piece requires great technical precision and emotional involvement. There are many times, especially at soft dynamic levels, when the melody is completely exposed. MITSO gave a decent interpretation, though a certain degree of passion was missing. For example, when the orchestra produced powerful chords in the beginning of the Adagio section, the expected feelings of grandeur were not evoked. However, the Fugue was more exciting with deeper sonorities and greater activity among the sections.

Annoyingly, at the conclusion of the Mozart, the spectators failed to clap until the conductor began his customary walk off the stage (with a hint of incredulity on his face at the audience’s reaction). Not only was this reaction (or lack thereof) a breach of concert etiquette, but it also showed a lack of attention to the performance and was disrespectful to the players.

Following the Mozart was the world premiere of “Symphony No. 1 for Orchestra” by Marco Betta. This contemporary work was commissioned by Anzolini and was composed in the spirit of commemorating the victims of the Italian mafia in Via D’Amelio, Palermo. The first movement begins with a unison pizzicato and then sustained harmonics, creating an eerie mood. It follows a listless course,

though it is occasionally punctuated by dramatic and frantic sections led by the winds that represent memories of the horrible explosion. Starting with a similarly subdued entrance, the second movement contains distinct low rumblings that move from the brass to the string and finally the winds. The snare drum is heard playing sequences in a manner reminiscent of a faraway march or procession. The final movement features solos by string section leaders and synthesizes the first two movements. MITSO did a fine job of conveying the mixture of reverence and terror that the piece was intended to transmit. Especially noteworthy were the winds, both its soloists and as a section, as their delivery was superbly accurate and moving. It’s a shame that the composer was not able to be present to receive the appreciation of the audience at the conclusion of the piece.

The intermission was followed by the final work, “Symphony No.2 in D Major, Op. 73” by Johannes Brahms. The last piece of a concert is usually the most impressive, and it was obvious that MITSO had put in the most work on this piece. Immediately, there was a considerable improvement in intonation and coordination among the sections. In the first movement, there were bright and triumphant sections contrasting with soft and playful portions, impressively all based on the same three note motive. The second movement takes a

darker turn, receding into subdued and relaxed echoes of the first movement’s energy. Building on the second movement, the third features graceful melodies and fast-paced yet lyrical passages based on an impressive oboe solo. By the last movement, MITSO finally demonstrated the power of a symphony orchestra at full force with great energy and tightness as a group, ending with an exultant celebration of sound.

With such a compelling finish, about half of the audience gave a standing ovation, and it seemed that MITSO had earned its due for the evening. However, the applause died down even before the conductor had the opportunity to make his trek to and from the podium the obligatory number of times, cutting him off from the recognition he deserved. Again, this was a rude and unacceptable gesture from the audience.

While MITSO is not a professional orchestra, it still should not be taken lightly. It provides entertaining music and surges unafraid into challenging repertoire that lesser groups would hesitate to tackle. Though the audience’s less-than-stellar manners could be written off as ignorance, Friday’s concert was a respectable showing for the musicians, and the players deserved more appreciation than they got. Hopefully, the future will provide improvements in both MITSO and its listeners.

THEATER REVIEW

The Green-Eyed Monster

The Shakespeare Ensemble’s Flair Could Make Anyone Jealous

By Nivair H. Gabriel

STAFF WRITER

Othello
By William Shakespeare
Produced by Meghan Harris
Directed by Kortney Adams
With Dan Liston ’04, Holly Laird ’07, Brian Keller ’05, Jonathan Reinharth ’06, Elvie Stephanopoulos ’07, Erin Rhode ’04
La Sala de Puerto Rico
March 17-19, 8 p.m.
\$6 students; \$8 general public

It is very easy to be jealous of the MIT Shakespeare Ensemble. How do they all manage to tirelessly bear their acting chops 20 hours a week and still do their problem sets? How can they master the inflection of every monologue so that their characters’ intentions are understood? How can they spend weeks sewing costumes and daubing makeup, until the look of the show is authentic?

They just do. And yet despite this preparation, the Ensemble’s production does not draw excessive attention to lavish costumes or a complicated set. All “Othello” needs is a minimal backdrop, believable enough for the audience to accept, yet simple enough that total attention is given to the actors, the storytellers. For the Ensemble, Shakespeare’s message is front and center, as it should be.

Though “Othello” retains its spirit, the Ensemble Players have enhanced it with their own twist. Instead of the classic racial struggle against the historically black Othello, the Ensemble introduces instead religious prejudice. Othello, being a Moor, is a converted Muslim in a Christian world — in this version, the tumultuous Italy and Cyprus of the 1960s. The costumes, however, are still classically Shakespearean, as is (obviously) the language, so the only way to know the time period is to read the program.

It’s best to put the program down as soon

as the show starts, though. Holly Laird ’07, who performs Iago with a relentless, fabulously evil flair, comes on with high energy and never falters in the entire three-hour duration of the show. She portrays an Iago who is addicted to strife and suffering, guiltless in his destruction of others’ happiness, and capable of crimes so cold and calculated that they draw uncontrollable shivers. Her transformation of Othello (Dan Liston ’04), from a sickeningly sweet family man to a tormented monster who strangles his own devoted wife, is the heart of Shakespeare’s cautionary tale.

Liston emulates this honorable but troubled man in full; he is totally immersed, as is Laird, in his character and nothing else. His handling of Shakespeare’s characteristic asides, when he turns to the audience to reveal his thoughts, is truly professional; he is intent on not breaking the “fourth wall” between spectator and actor. Laird, by contrast, looks at everyone in the eye as though inciting us to action, which only makes her manipulation

more frightening. Othello, it’s clear, is the most pathetic plaything for Iago’s machinations; Laird and Liston convey perfectly that it is simply all too easy.

As the play progresses, fascination turns to horror with the performances of Erin Rhode ’04 and Elvie Stephanopoulos ’07. Rhode, Iago’s subdued wife Aemilia, emerges as the most tragic figure in the story; bound to serve her husband, she unwittingly participates in the downfall of her mistress Desdemona (Stephanopoulos). When she finally realizes her treachery, it is too late to do anything but assure the murderer Othello that his suspicions of his wife had absolutely no grounding in reality. With her death is paired that of the sweethearted Desdemona, who tearfully admits that she loves her husband even as he beats and debases her. Rhode and Stephanopoulos could elicit weeping from the most well-regulated mind.

In the midst of all this, it is a mystery why lighthearted French music from the movie *Amélie* plays during a scene change, but perhaps if no one knew its origin, it would seem bizarrely appropriate. The few other mistakes — such as the semi-frequent slips of tongue or the military drum sound effect that skipped and then started over — were nominal and disappeared in the midst of the plot’s skillful progression. The unmatched patterns in Aemilia’s costume do not, but the tremendous symbolic effect of Cassio’s (Jonathan Reinharth ’06) ripped-off patch and Desdemona’s pure blue outfits are far from blunders.

The shoes on Bianca “the whore” (Samantha Weiss ’08) make my feet ache with pain, but her character makes me laugh. When Rodorigo (Brian Keller ’05) spies on the unfolding drama, his ridiculous sunglasses — stolen from “Fear and Loathing in Las Vegas” — speak his hidden intentions perfectly. Brabantio (Todd Radford G) is a delight, not only because of his hilarious grumble as he awakes to the noise of Iago and Rodorigo, but because he spends his early stage time in a nightgown and a suit jacket. Radford’s later role of Soldier is a brilliant portrayal of Shakespeare’s comic



TAMAR ENGEL—THE TECH

Desdemona (Elvie Stephanopoulos) sings sadly as she prepares to retire to her bedroom, where she was asked to wait alone by her suspicious husband.

humor, even without so amusing an ensemble.

As far as symbolism goes, watching Desdemona cross herself and settle into bed next to an ornate, cathedral-styled window makes it ten times worse when she is awoken from her slumber for a midnight asphyxiation. Othello removes his cross necklace before he embeds hers into her throat, and takes off her wedding ring. When it later drops by accident across the grisly scene, Gratiano (Erin Price ’06) sets it next to the dead couple, making the scene even more poignant.

Just as their name would have it, this group of MIT thespians offer a devastating “Othello.” The defining moment of the show is the most heartbreaking: when Desdemona reaches out to stroke Othello’s face, and he shoves her hand away as if he wishes to break it.

Yes, it’s easy to be envious of the Shakespeare Ensemble for their talent and skill, and for this excellent and professional production — but that jealousy could be my undoing.



TAMAR ENGEL—THE TECH

Othello (Dan Liston) weeps when he learns that the handkerchief he had given to his wife was allegedly found in Cassio’s bedroom, implying she was unfaithful.

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Centennial Volume

Tuesday, March 18, 1980

Administration to consider housing shift East Campus, Sr. House residents would switch with Ashdown

By Jay Glass

The MIT administration, faced with growing graduate housing shortages, plans to examine a housing proposal that could affect over 1,000 undergraduates and graduate students living on campus.

Suggested by Dean of the Graduate School Kenneth R. Wadleigh, the proposal would entail moving the undergraduates now in East Campus and Senior House into Ashdown and Next House after completion of the latter in the fall of 1981. The graduates now in Ashdown would be transplanted into the east campus dormitories.

The net effect of the housing switch would be to create 190 new single graduate housing openings in the east campus, reducing the chronic shortage of housing for single graduates.

The proposal calls for the east campus to become a center of graduate life, with a renovated Walker Memorial as the focus.

Undergraduates would likewise be consolidated in the west campus. Presently, only 25 percent of the graduate student population lives on campus.

According to Wadleigh, the idea of an east campus graduate center "has been on the docket since 1957." He added, "It's a dream I've had since I became DSA in 1961." Wadleigh is presently responsible for MIT's long-range housing plans.

Three reasons were cited by several administration officials for the present reconsideration of the proposal. "Our concern about graduate housing is increasing every day," said Vice-President Constantine B. Simonides, a sentiment that was echoed by most other administrators.

Another motivation was the large financial and renovation problem of east campus dining in Walker Memorial. "The President and the Chancellor decided that it would not make sense to do the work at Walker Memorial

now," commented Simonides.

The construction of Next House was perhaps the greatest reason for reconsidering the housing shift. Given the current undergraduate overcrowding, the additional spaces opened by the completion of Next House will provide the needed "flexibility" for a cross-campus shift, according to Acting Dean for Student Affairs Robert Halfman '44. Ashdown alone could only house about two-thirds of East Campus and Senior House.

A decision on the proposal seems unlikely in the foreseeable future. "We're still miles away from a definite commitment," said Chancellor Paul Gray '54. "It's an absolutely nowhere near decided issue," agreed Associate Dean for Housing Robert Sherwood. Sherwood added the issue would be kept "on a back burner" until the new Dean for Student Affairs Shirley McBay assumes her office in April.

According to Halfman, a "task

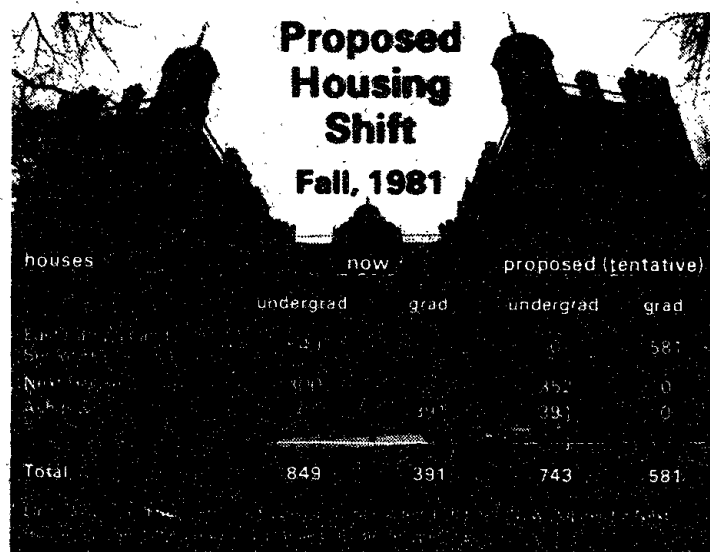


Photo by Kevin G. Osborn

force will then be formed by Wadleigh to examine the potential cost and the social impact of the shift. Sherwood assured that "we plan to bring it [the proposed shift] up with all affected student groups."

Asked about a possible timetable for approval of the shift, Simonides replied, "I cannot tell you how fast this will be done," but he added, "It may have several phases."

Halfman said also the final decision would not be made by

the administration. Citing the size of the necessary capital improvements and moving costs, he said, "The Corporation would have to approve the funds."

The proposed shift is one of the reasons Next House will be expanded to 352 beds from the previous plan of 300, mentioned by both Halfman and Sherwood. The ends of Next House will be extended to provide the additional capacity.

Changing Ashdown from a decision would not be made by (Please turn to page 2)

Student budget for next year will approach \$10,000

By Steven Solnick

Next year's student budget will fall \$20 short of the \$10,000 mark, according to Director of Financial Aid Jack Frailey. The dormitory rents, a part of the budget, were set at an Undergraduate Rent Review Meeting last Friday.

The \$9980 student budget, used to calculate Financial Aid awards, was approved by the Academic Council two weeks ago but is "still under review at the moment" according to Frailey. It represents a 12 percent increase over last year's \$8900 budget.

Dormitory rents will be going up an average of 13.8 percent, according to Director of Housing and Food Services Eugene Brammer. Each dormitory was represented in the rent review, and undergraduate participants confirmed rents will be reviewed again at the end of the fall term, and a mid-year increase may be necessary if energy costs continue to skyrocket. Brammer indicated that \$124 of the average \$188 increase in rents for the academic year is due to rising utilities costs. If a mid-year increase were to occur, Frailey said, "It would perhaps entail a mid-year review of financial aid. He said he was not yet aware of such plans.

While dormitory rents will be going up nearly 14 percent, the room and board portion of the

Average room rates for academic year 1980 - 81

house	rate/term (dollars)	increase from 79 - 80
Baker House	709	73
Bexley Hall	692	88
Burton-Conner	855	109
East Campus	732	93
MacGregor House	853	91
McCormick Hall	860	109
New House	815	104
Senior House	680	87
Random Hall	597	78

Note: rents may be reviewed again after fall term.

student budget is increasing only about four percent, from \$2685 to \$2800. The difference is attributable to the new dining plan under which, according to Frailey, board cost will be "heavily subsidized" by the Institute. Frailey said, "School subsidization will result in roughly no increase in board costs." Brammer concurred, explaining that, "If anything, dining costs are going down a bit" under the new dining plan.

According to the specifics of the dining plan as announced by the Chancellor, the Institute will continue to subsidize the dining service at the same level in the future. The initiation of the subsidy and the expected increase in

participation in Commons next year will more than offset the inflationary increases which would have been expected. Nevertheless, dining costs would again be expected to increase with the level of inflation after next year.

Other components of the \$9980 budget are the \$6200 tuition and a \$980 allowance for books and additional costs. According to Frailey, the \$980 books and miscellaneous allowance is "the largest in the United States," and is up from \$915 this year. Travel allowances, which are added to the \$9980 total, are also expected to go up.

Rents for Baker and MacGregor are actually rising only 11.5 and 12 percent respectively, while other dorms will cost 14.6 percent more next year. Brammer explained that this year there is a Residence Fee of \$85 for Baker and MacGregor Houses and \$50 for all other dormitories to support the Dining Service. Under the new dining program a fee of \$50 for all dormitories will be incorporated into the rent, resulting in a net \$35 savings for the two dormitories currently supporting dining halls. Brammer said the \$50 will now go to "reserve funds" to support special dining related programs encouraged by the new dining plan.

UROP program to raise wages to \$4.50

By John Shiroma

As of June 1, 1980, the Undergraduate Research Opportunities Program (UROP) will have a new wage guideline of \$4.50 per hour and an increased summer stipend limit of \$2,200. The permanent wage increase represents a 28 percent increase over the old \$3.50 guideline, and the summer stipend increase represents a 46 percent increase over the previous stipend level of \$1,500.

The wage and limit increases are only guidelines, however, as they apply only to those students being subsidized by UROP funds. "Students who are 100 percent supervisor-paid often receive substantially higher wages than the guidelines," stated UROP director Margaret MacVicar, professor of physics. In addition, students funded under the College Work Study Program (CWSP) are not subject to the UROP pay limits, although their total stipend is limited by the amount of CWSP money allotted to them by the Financial Aid Office.

Under CWSP, students receive 20 percent of their wages from their employer, and the other 80 percent is paid by the Federal government. The deadline to apply for CWSP eligibility is March 31.

The guideline increases are not expected to have a significant impact on UROP's actual budget, as only 20 percent of UROP students receive wages instead of academic credit. Of that 20 percent, the great majority receive their wages from their UROP supervisors, instead of from the actual UROP budget. UROP funds are only used to subsidize a student when a project supervisor cannot afford to pay 100 percent of the student's wages.

The decision to raise the wage levels came about because of a concern on the part of the UROP administration that today's often beleaguered student needed a boost. MacVicar said, "there is so much bad news out there that we wanted to be able to give the student something positive to think about. If money is going to be a problem, we want to be able to help. Every undergraduate ought to feel he has a crack at UROP." The figure of \$4.50 was arrived at after consultation

(Please turn to page 2)

inside

Nightline, now in its second year of existence, provides a needed service at MIT. **Page 3.**

* * * *

The Boston Lyric Opera's production of Verdi's *Il Giorno* loses out to poor staging. **Page 6.**

Despite its unusual plot, *Simon*, the new Alan Arkin movie, fails to provide solid laughs. **Page 6.**

* * * *

Our fencing team exceeded all expectations by placing high in all-American competitions. **Page 8.**

Joseph Everingham

Professor of Literature Joseph Dec Everingham, founder and Director of the MIT Drama Program, died in his sleep late last week. He was 63.

Professor Everingham came to MIT in 1954, when Kresge Auditorium was just being completed. He created the MIT Drama Program and directed the MIT Dramashop for 23 years, until the arrival of Assistant Professor Robert

Scanlon.

Although in partial retirement for the last three years, Everingham continued to direct one major production each year. He was to have held auditions for this year's show, *Man and Superman* this week. Scanlon will now direct the show after spring vacation.

A memorial service for Professor Everingham will be held Thursday, March 20, in the Chapel at 3pm.

Ettinger Was Known For Literary Works

Ettinger, from Page 1

government and faced repeated interrogations and professional black-listing during the early 1960s. She described post-war life in Poland in her second novel, *Quicksand* (1989).

Ettinger earned a Ph.D. in American literature from Warsaw University in 1966; she moved to Cambridge the following year and served as a Senior Fellow at the Radcliffe (now Bunting) Institute until 1974. She was known for her passionate and incisive lectures on modern Russian literature, as well as her outspoken critiques of the materialism, anti-intellectualism, and racial prejudice that she perceived as dominant aspects of American culture.

From 1975 to 1996, Ettinger served as professor of writing at MIT, where she was named Thomas Meloy Professor of Rhetoric and Literature. A demanding and forceful teacher, she helped build the Institute's Program in Writing and Humanistic Studies and was instrumental in bringing such writers as I. B. Singer, Bernard Malamud, and Elizabeth

Bishop to the MIT community.

Ettinger's biography, *Rosa Luxemburg, A Life* (1987), was translated into several languages. It portrays the personality — the heart and mind — of a brilliant revolutionary who was murdered by her comrades. Love and politics are intimately interwoven throughout Ettinger's narrative.

Ettinger's controversial 1994 book, *Hannah Arendt-Martin Heidegger*, interpreted the lengthy romantic relationship between the Jewish philosopher and her Nazi-affiliated mentor. In this work, described in the *New York Times* as “absorbing and cruelly fascinating,” Ettinger was “unsparing in her exposure of both Heidegger's mendacity and Arendt's propensity for self-deception” about Heidegger, wrote the reviewer. Shortly afterward, the Heidegger estate published the full text of the Heidegger-Arendt correspondence.

Ettinger was at work on a full-length biography of Hannah Arendt at the time of her death. She is survived by her daughter, Maia Ettinger, of San Francisco.

A memorial service will be held at the MIT Faculty Club on Sunday, April 10, at 11 a.m.

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Requests for funding submitted on this deadline
must be for projects or events that
begin no sooner than May 19, 2005

Important information is available on the web:

Grants Guidelines: <http://web.mit.edu/arts/do/funding/grantguide.html>

Application form: <http://web.mit.edu/arts/do/funding/grantform.html>

Other funding sources: <http://web.mit.edu/slp/finances/supp-funding-guide.html>

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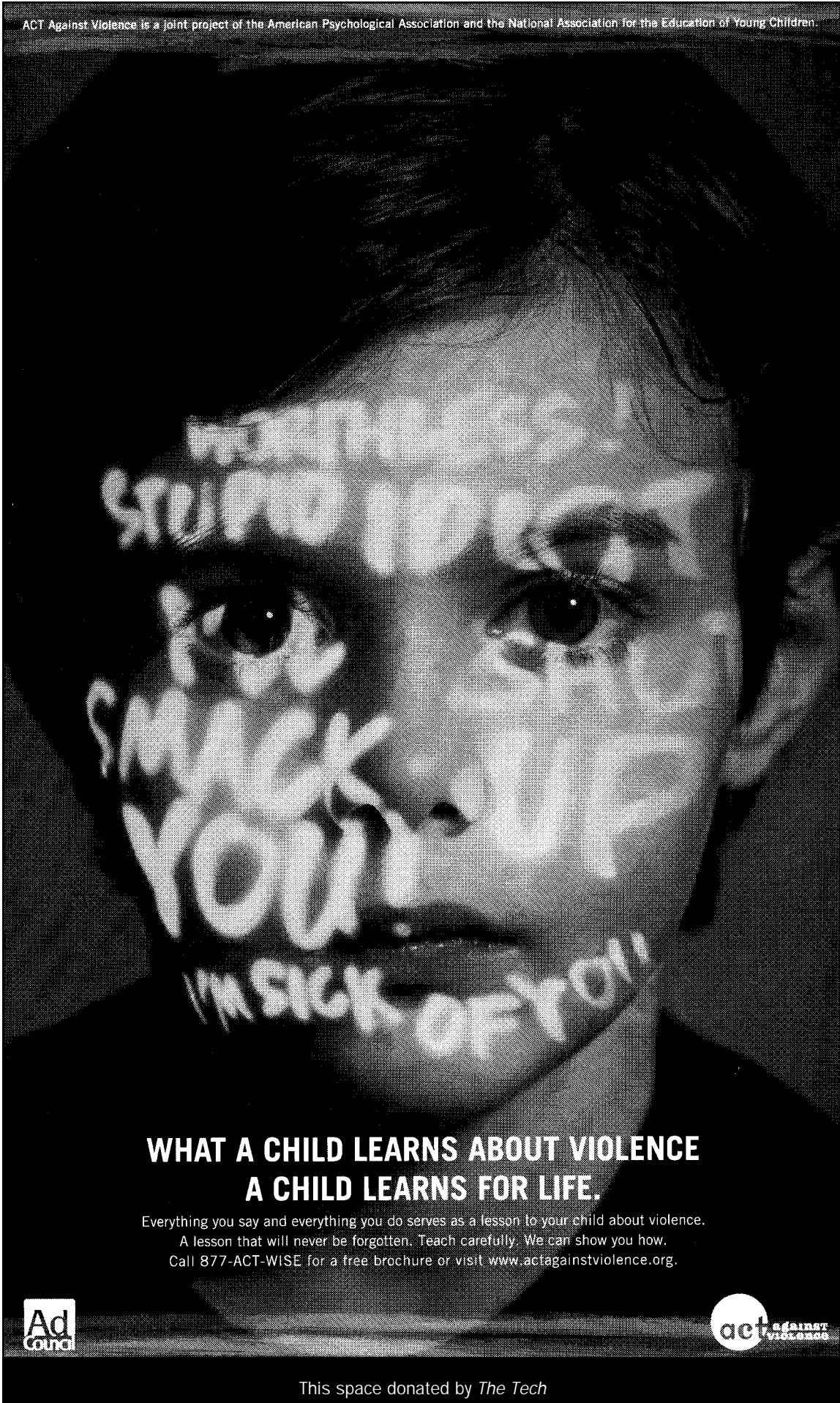


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FAS Conflicted Over No Confidence Vote

FAS, from Page 1

the faculty votes to carry great symbolic weight on campus. The Faculty of Arts and Sciences is only one of Harvard's 10 schools, but it represents almost half of the tenured and tenured-track faculty. It includes the undergraduate college and the traditional PhD programs and is considered by many to be the heart of the university.

"This is something the corporation has to take seriously," Everett Mendelsohn, a professor of the history of science, said in an interview after the meeting, where he voted for both motions. "These two motions are a serious critique of the president and indirectly of the corporation."

Mendelsohn said he "accepted at face value and respected" Summers's apologies, but added that "whether in the face of these [votes] he can do his job is something he'll have to look hard at."

Summers, whose demeanor in the meeting was described by faculty as very somber, indicated afterward that he did not intend to resign. "As I said to the faculty, I have done my best these last two months to hear all that has been said, to think hard, to learn, and to adjust," he said in a statement after the meeting. "I will continue to do that."

The embattled president was hounded by dozens of protesters, many of them students, as he headed for a waiting car after the meeting. Some of them sang, "Hey Larry, goodbye," to the tune of Steam's 1969 hit, "Na Na Hey Hey (Kiss Him Goodbye)."

But inside the Loeb Drama Center, home to the American Repertory Theatre, the mood was described as serious and low key, with less applause and tension in the air than at two contentious faculty meetings last month. Only the student newspaper is allowed to attend faculty meetings.

Over 800 people had the right to vote Tuesday, according to a Harvard spokesman, but nontenured professors rarely attend faculty meetings or vote at them because their position at the university is less stable.

J. Lorand Matory, who introduced the resolution for a vote of no confidence, was surprised with

the outcome, saying he expected only about 30 percent of the voters to support his motion.

"This was a resounding statement that he should resign," said Matory, professor of anthropology and African and African American studies. "There is no noble alternative to his resignation. This is about his management style. He is dictatorial and autocratic."

But even some who supported the motion said they weren't convinced that the only thing Summers could do was quit.

"I feel confused about whether he should resign," said Judith Ryan, professor of German. "But this is really about change and the way business is conducted on the Faculty of Arts and Sciences."

Morton Keller, coauthor with his wife, Phyllis, of "Making Harvard Modern: The Rise of America's University," said last night that he knew of no vote of no confidence in a Harvard president at least since the Civil War, although he said there had been talk of such a vote against James Bryant Conant in the 1930s, when he fired some popular instructors.

"The real decision is in the hands of the corporation, and they have to weigh a lot of things," Keller said. "Obviously that vote carries a lot of weight one way, but acceding to it will open up possibilities in the future that any responsible corporation would be very concerned about."

Several professors defended the president at the meeting.

"As someone who went into the academic profession 50 years ago in the days of Senator McCarthy, I said this is very menacing and would set a terrible precedent," said Stephan Thernstrom, a history professor. "It is a very bad blow to the conception of academic freedom."

One professor offered a motion that would have prevented a vote on the no-confidence resolution, but it was soundly defeated on a voice vote.

The text of the second motion, introduced by Theda Skocpol, professor of government and sociology, read: "The Faculty regrets the President's mid-January statements about women in science and the adverse consequences of those statements for individuals and for Harvard; and the Faculty also regrets aspects of the President's managerial approach as discussed in recent meetings of the Faculty of Arts and Sciences. The Faculty appreciates the President's stated intent to address these issues and seeks to meet the challenges facing Harvard in ways that are collegial and consistent with longstanding faculty responsibilities in institutional governance."

Skocpol said some of her colleagues told her they voted for the no-confidence motion but not her resolution because they found it too conciliatory.

But she said she told the gathering that she meant it to "indicate the faculty was determined to remain vigilant and united as we moved forward."

"It wasn't a statement that everything is fine," Skocpol said.

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Solution to Bonus Crossword

from page 8

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Graduate Stipends Increase By 3.5%

By Kathy Dobson
ASSOCIATE NEWS EDITOR

Graduate student stipend rates will increase by an average of 3.5 percent next year, according to a memo sent out by Dean for Graduate Students Isaac M. Colbert and Associate Provost Alice P. Gast in February.

Single graduate students with research or teaching assistantships will continue to receive a full subsidy for their health insurance costs, while premiums for spouses and dependents of students will decrease from last year's levels, according to the memo.

Increase varies by degree, dept.

Next year's graduate student stipend level will range from \$1,873 to \$2,101 per month (doctoral candidates receive more than master of science candidates, and teaching assistants more than research assistants). Departments have the option to decrease this base rate by up to 10 percent or increase it by up to 15 percent.

"We're encouraging departmental student groups to approach their departments to push for something on the [positive] side," wrote Michael Folkert G, co-chair of the Graduate Student Council Housing and Community Affairs Committee, in an e-mail.

Faculty will continue to cover 55 percent of the tuition for graduate students.

The stipend hike is greater than the rise in cost of living for graduate students, which is expected to be 2.9 percent next year, according to information compiled by the Graduate Student Council. The cost of living estimate is based on data taken from the 2002 Graduate Student Life Survey, the MIT Housing Office, and local and national economic data.

Family health insurance fees fall

In addition to extending the full health insurance subsidy for supported single students, family health insurance premiums will also decrease.

Premiums for spouses and dependents will decrease by \$200 next year to \$1360 for a spouse and \$360 per child. Premiums for families will be capped at \$1720. These reductions were made based on recommendations from the director of the Medical Department, the vice president for Human Resources, and the Office of Budget and Planning, according to the memo.

"The GSC has been pushing for the needs of families for the last three years," said Barun Singh G, president of the GSC.

Committee to examine grad funds

To further examine ways to improve financial support of graduate students, a new Committee on the Funding of Graduate Students has been established by Provost Robert A. Brown.

The committee will examine issues such as the on-campus/off-campus disposable income gap (which the GSC estimates to be about \$240 more for off-campus students per month), the graduate housing shortage, support for graduate co-operative living groups, and off-campus rent subsidies, wrote Folkert in an e-mail. As the GSC president, Singh will be the graduate student representative on the committee.

The committee is chaired by Philip S. Khoury, Dean of the School of Humanities, Arts, and Social Sciences.

New RNAi Consortium To Be Based at Broad

By Kelley Rivoire
NEWS EDITOR

A new consortium between private and public institutions based at the Broad Institute was announced on Tuesday. The three year, \$18 million project, The RNAi Consortium, known as TRC, will use the relatively new technique of RNA interference to generate an openly available library cataloguing gene inhibitors. This will help scientists understand the functions of genes, including those that cause diseases such as cancer and diabetes, according to a Broad Institute press release. RNAi is a useful research tool because by silencing certain genes, scientists can observe how an organism behaves differently when a particular gene is nonfunctional.

The consortium aims to "create a public good: a comprehensive set of reagents to be used in thousands of laboratories," said Professor Eric S. Lander, director of the Broad Institute, as quoted in the press release.

TRC will also work to "develop efficient protocols for preparing DNA and virus stocks of the RNAi reagents and will create methods for performing high-throughput screening with the entire library," said the press release.

The affiliations of TRC members

include MIT, Massachusetts General Hospital, Harvard Medical School, the Dana Farber Cancer Institute, and the Whitehead Institute for Biomedical Research.

Five other member organizations will each contribute \$3.6 million to TRC over the three-year duration of the project, according to the press release. They are Bristol-Myers Squibb, Eli Lilly and Company, and Novartis, pharmaceutical companies, Sigma-Aldrich, a manufacturer of research products, and Academia Sinica-National Science, an academic consortium affiliated with the government of Taiwan.

"In order to advance pharmaceutical science, fundamental tools like RNAi need to be made available and accessible to scientists around the world," said Mark Fishman, president of Novartis Institutes for BioMedical Research in the press release.

"The ability to perform high-throughput screening with validated RNAi reagents will provide the ability to systematically identify the genes underlying disease process and thereby identify previously unknown targets for drug discovery," said Steven Paul, executive vice president of Lilly Research Laboratories, Eli Lilly and Company in the press release.

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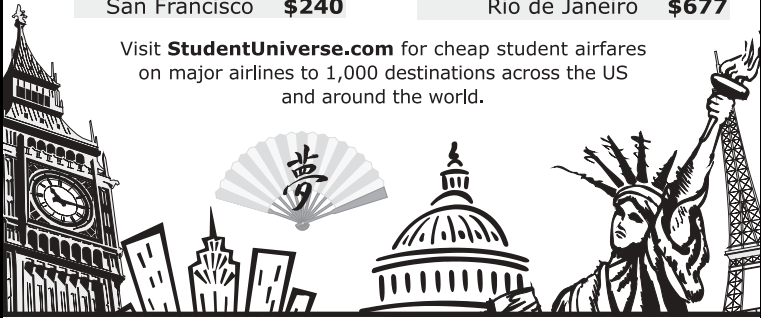
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REMINDER!

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- L Visit the Student Services Center (11-120) to request a free unofficial transcript.
- L Submit completed application with unofficial transcript to E40-161 or E40-159.



Questions? Email ugprogram@sloan.mit.edu.



ADDENDUM

To OWNER'S MANUAL for the HUMAN BRAIN

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OWNERS MANUAL FOR THE HUMAN BRAIN

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Faculty Housing Aid Plan Recommended

By Kelley Rivoire
NEWS EDITOR

A proposal for a new Faculty Housing Assistance Program was presented at Wednesday's faculty meeting. The proposal would improve upon the current Housing Assistance Loan Program in light of recent increases in area housing prices and would extend the program to junior faculty.

The proposal, created by the Committee on the Design of the Faculty Housing Program, would provide separate types of aid for junior and senior faculty to purchase homes in the area, and its recommended starting date is July 1.

The full report of the committee is available online at <http://web.mit.edu/faculty/reports/index.html>. The committee has opened a 30-day period for comments, which can be sent by e-mail to fachousing-plan@mit.edu, said Associate Provost Claude R. Canizares, chair of the committee.

Program to keep MIT competitive

The new program aims to keep the Institute competitive with other top institutions in the resources it provides to faculty members.

"It's no secret to the faculty that we face challenges recruiting faculty and retaining them in the Boston area because of housing costs," said Provost Robert A. Brown.

The proposal is based in part on the recommendations of a 2003 Committee on Senior Faculty Housing Benefits. The plan that the 2003 committee made was tabled at that time because of Institute financial

difficulties.

Loans available to faculty


Eligible tenured faculty would be able to receive a \$300,000, 30-year Contingent Interest Mortgage, a low-interest second mortgage with interest dependent on how the property value appreciates throughout the loan's duration. According to the committee's report, this would "significantly increase the buying power of faculty newly hired or promoted into tenured positions."

Eligible junior faculty could receive a \$50,000, five-year No-Interest Fully Amortized Loan, which is incrementally forgiven over the length of the loan, as well as a \$50,000, 10-year Contingent Interest Mortgage. These two options would be aimed at giving faculty the funds to make down payments on first homes, according to the committee report.

Eligible faculty for this year would include those who entered the area's housing market as first-time buyers during or after July 2000, when the quotient of median housing price and average associate professor salary first escalated to "historically unprecedented high values," as stated in the report. Those who have already received other financial assistance from MIT would not be eligible. In future years, the eligibility period would last three fiscal years.

The program must also be reviewed by the MIT Corporation Executive Committee and weighed against other priorities, as the program "would end up being a rather significant financial commitment," Canizares said.

Come to learn about ChemE



Department of Chemical Engineering






Undergraduate Open House

Date: Wednesday March 30th, 2005
Time: 7:00 pm
Location: 66-110

Alumni Panel Speakers:
BioMetics
Ana Echaniz, Process Engineer
Alkermes
Jenny Matta, Process Development Engineer
Genzyme
John Chon, Group Leader, Bioengineering


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MIT Massachusetts Institute of Technology

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Solution to KRT Crossword

from page 7

C	A	R		F	L	O	A	T		E	V	E	R	T
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C	E	E	S		T	H	E	I	R		R	A	Y	S
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Overflow of Coeds

McCormick plans annex

President Stratton has announced that construction of a second residence for women at MIT will begin this summer and be completed for occupancy by September, 1967.

The new residence will house 110 students, and will be financed by Mrs. Stanley McCormick, who also dedicated Stanley McCormick Hall in 1963.

The proposed residence will lie east of McCormick Hall, near Memorial Drive but facing Amherst Street and the MIT Chapel. The two residences will be connected.

Approval of the new eight-story residence affirms the position taken by President Stratton at the dedication of McCormick, when he spoke of MIT's "unique

opportunities and special responsibility to contribute to the education of women in our modern world."

As a result of the planned new construction, MIT will admit about 50 women next fall, more than double the number admitted before the opening of McCormick Hall in 1963. Professor Roland B. Greeley, Director of Admissions, said that he hoped to move towards admitting 75 freshman women over the next few years.

A few temporary measures will be necessary to house women while the new dormitory is under construction. In McCormick Hall, which houses 108 women, and which is filled almost to capacity with undergraduates, large corner double rooms will be converted to triples.

In addition, some women will be housed in one of the nearby brownstone row houses on Memorial Drive.

The main floor of the new dormitory will provide a large library, a house dining room and kitchen, and a seminar room. A finished basement will include study rooms, music practice and listening rooms, and art studio, hobby shop and a game room. The eighth floor penthouse will offer a view of the Charles River and nearby campus.

Reorganization of AC approved by Inscomm

Activities Council received approval of its new constitution and by-laws Saturday, March 13, at the Inscomm meeting.

Under the new constitution, the structure of the council will remain essentially the same as before. The major difference will be the election of a 7-member Activities Executive Board, which will be vested with virtually all the powers of the Council.

The 13 permanent Council members will be those of the old AC, with the exception of Finance Board and the Athletic Association. There will be an undetermined number of rotating members.

The Activities Council will retain its seat on the Executive Council of Inscomm.

Lecture by Townes begins annual series planned by Sigma Xi

Dr. Charles H. Townes, Provost, will speak on 'Raman-Brillouin Scattering — the interaction between intense laser beams and mechanical motion,' Wednesday, March 24 at 8:00 pm in Kresge Auditorium.

The lecture is being sponsored by the MIT chapter of Sigma Xi, a national honorary research society. Tickets for the lecture will be available at no cost to members of the MIT community and may be obtained at the Kresge ticket office.

The Townes lecture is the first of a planned annual series of lectures, sponsored by Sigma Xi and featuring outstanding technical speakers.

The MIT chapter of Sigma Xi has approximately 900 members, mostly faculty members, staff, and advanced graduate students; it is headed by Professor Isadore Amdur of the chemistry department.

Sigma Xi has initiated the annual lecture as a service to undergraduate and graduate students, as well as to other interested community members.

Five MIT professors awarded Sloan fellowships for research

Five MIT professors have been awarded fellowships, (to be used for unrestricted basic research,) from the Alfred P. Sloan Foundation.

The professors are Dr. Glenn A. Berchtold, associate professor of Chemistry; Dr. Paul G. Federbush, assistant professor of physics; Dr. James L. Kinsey, assistant professor of Chemistry; Drs. James R. Munkres and W. Gilbert Strang, associate professors of mathematics.

Dr. Munkres, whose field is topology, will be on leave at the University of California at Berkeley, investigating the relationship between combinatorial and differentiable structures on manifolds.

Dr. Berchtold is engaged in research concerning studies of light-catalyzed reactions of organic compounds which contain sulfur.

Dr. Federbush, MIT '55, will use his Fellowship to investigate the applications of the theory of several complex variables to certain problems arising in quantum field theory.

Dr. Kinsey will continue his present studies of atomic and molecular collisions. Dr. Strang, MIT '55, will study theoretical aspects of the solution of partial differential equations by finite difference methods. He will be living in England and Sweden for part of the time.

MIT profs plan Selma trip

By Chuck Kolb

Selma, Alabama may seem a long way from the Massachusetts Institute of Technology, but sometime this Saturday as many as 45 members of the MIT faculty may be taking part in demonstrations between Selma and Alabama's capital at Montgomery.

That number of the MIT faculty members have indicated to the Reverend John A. Russell, Methodist and Baptist chaplain at MIT, that they are ready to travel to Alabama on 24-hours' notice to support demonstrations for Negro voter registration. The demonstrations in Selma and Montgomery are under the direction of Dr. Martin Luther King.

Rev. Russell, who returned Friday from a three-day stay in Selma, feels that present plans indicate the long resisted march from Selma to Montgomery will take place between tomorrow and Saturday. It is planned that only a small number of marchers will participate at a given time and that most of the demonstrators will be centered in Montgomery to greet the marchers when they arrive Saturday.

The MIT professors would fly from Boston to Montgomery Friday in a chartered plane to be on hand to show their personal concern about discrimination in Alabama.

If the march fails to take place



Photo by Stephen Teicher

Civil rights demonstrators cross Harvard Bridge Sunday on their way to Boston Common rally. Rally was called to protest discrimination against negro voters in Selma, and to highlight area racial problems and inequalities.

because of state police intervention or other reasons, the MIT group will shift its plans to meet the new situation. Dr. King's group hopes to obtain a federal injunction barring the state police from interfering with the proposed march. If all goes according to plans demonstrators should be able to start the walk from Selma to Montgomery tomorrow.

Two deaths have thus far resulted from the Selma demonstrations, that of the Reverend James Reeb, a Boston minister, who was beaten to death last week by a white gang; and that of Jimmy Jackson, a young Alabama negro, who was shot in a night demonstration two weeks ago.

Rev. Russell used these two deaths as the reason why he did not solicit undergraduate or graduate students to make the journey to Alabama. He stated, "I think the two deaths in the Selma situation indicate that the price of civil rights in Alabama has gone up. We don't want anyone to be able to brand our protests as those of overeager youths."

College students, however, have played a very major and vital part in the recent demonstrations in Boston, according to Rev. Russell. Both the sit-in at the Federal Building Friday night and Saturday, and the Common Rally held Sunday were largely supported by area students.

Six Tech students chosen Woodrow Wilson Fellows

Six MIT seniors were named Friday, February 12, as winners of Graduate Fellowships from the Woodrow Wilson National Fellowship Foundation, the largest private source of support for advanced liberal arts work in the United States.

The students are Alan S. Friedman, XVIII; Edwin C. Kampmann, XIV; Edward M. Miller, XIV; John R. Murray, VIII; Anthony Pappas, XIV; and Gerald A. Zaritsky, XXI.

These students were among 1,395 throughout the country to receive the fellowships, which marked the twentieth anniversary of the Woodrow Wilson National Fellowship Foundation. They were chosen from over 11,000 faculty-nominated applicants.

Teachers sought

The fellowships are designed to recruit new college teachers. "The competition alerted thousands of undergraduates to the critical need for college teachers," commented Sir Hugh Taylor, President of the Foundation.

Recipients of Woodrow Wilson fellowships will receive tuition

and fixed fees for the first year at the graduate school of their choice, plus \$1,800 for living expenses.

This year 361 colleges throughout the nation are represented by Fellowship winners, 23 of them for the first time.

Others honored

The Foundation also accorded honorable mention to 1,242 students. The majority of these are expected to receive alternate awards from other sources, Sir Hugh stated. "We circulate their names widely among the graduate schools of the United States and Canada expressly for that purpose," he added.

Awarded honorable mention from MIT were Thomas M. Antrim, XXI; Stephen B. Deutsch, VIII; Peter M. Harvey, V; George A. Herzlinger, VIII; Stephen A. Schutz, VIII; Richard W. Sullivan, XVIII; Bruce D. Sunstein, XXI; K. Endre Toth, VIII; Frank J. Weigert, V; and Stephen L. Williams, XVIII.

Last year 35 Woodrow Wilson Fellows used their award to attend the First year of graduate school here.

Rooftop Singers, Chuck Berry will highlight Spring Weekend

Spring Weekend '65 will start Friday evening, April 23, with a semi-formal dance at the Hotel Bradford. Music for the Friday night affair will be provided by the Jimmy Dorsey Orchestra.

Saturday afternoon the scene will shift to Canobie Lake Park in Salem, New Hampshire for an open air concert featuring the Rooftop Singers. The rest of the

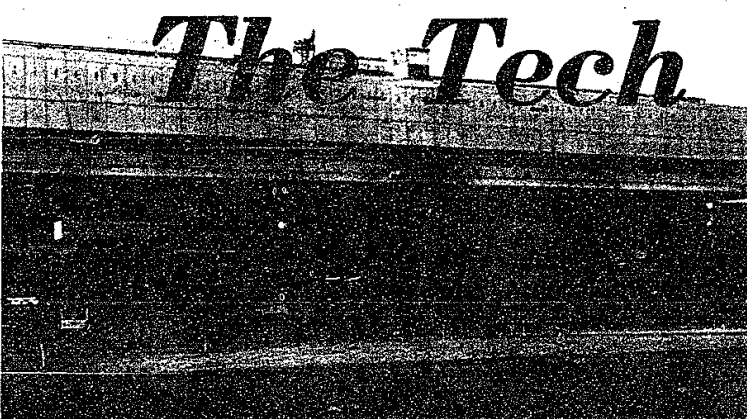
afternoon will be devoted to the park's amusements, rides, forests and trails. Since the park will be open only to MIT, ride tickets will be sold on a discount basis.

Saturday night the action will shift to the park's Casino where Chuck Berry will provide the main attraction. Bobby Comstock and the Counts will also perform.

The Casino, which is larger than the Hampton Beach Casino, used last year, is situated at the edge of the park near the lake.

Weekend tickets will cost \$14.00 and will be sold to living groups until April 14. Due to the limited number of tickets available they will be sold on a basis proportional to the number requested by each living group.

Formal invitations will be available to ticket holders March 17 in the Lobby of Building 10.



Vol. 85, No. 6 Cambridge, Mass., Wednesday, Mar. 17, 1965 5c

'God and Golem, Inc.'

Wiener's book honored

'God and Golem, Inc.' by the late Institute Professor Norbert Wiener, received one of the five annual National Book Awards as being one of "the most distinguished books written by American citizens and published in the United States in 1964."

Declaring as the winner in the Science, Philosophy and Religion category 'God and Golem: A Comment on Certain Points where Cybernetics Impinges on Religion' (an MIT Press publication), the judges stated that "In every sphere of human activity, and not merely in the field of atomic 'war games,' the machines that think and learn, and, even more amazingly reproduce themselves, have placed man, probably more acutely and agonizingly than ever before, face to face with the im-

perative responding with a truly mature sense of responsibility. Because Norbert Wiener had seen this problem in its ethical dimensions and opened the windows to a glimpse of the religious implications of this confrontation of man and his most sophisticated machines, the jury . . . deems "God and Golem, Inc." worthy of the award."

In the acceptance speech for MIT, Jerome Wiesner, Dean of the School of Science, said: "Professor Wiener's interests spanned mathematics, science, engineering, and human affairs; and in each he made an important contribution by exploiting the understanding of the communication and control process which his pioneering work provided. It was precisely in his ability to perceive the universality of the concepts with which he worked that his most important contribution lay."

Dr. Wiener was one of the world's ranking mathematical analysts and had studied philosophy with Royce, Antayana, and Bertrand Russell. In 1919 he joined the MIT Department of Mathematics where he served until his death in Stockholm in March, 1964. He was awarded the National Medal of Science in 1964 for his contributions to mathematics, engineering and biological sciences. Among his numerous other writings have been two unusual autobiographies, 'Ex-Prodigy' and 'I am a Mathematician.'

The other recipients of the \$1000 National Book Awards were the late Theodore Roethke for "The Far Field;" Saul Bellow for "Henderson;" Louis Fischer for "The Life of Lenin;" and Eleanor Clark for "The Oysters of Locmariaquer."

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SPORTS

Varsity Men's Volleyball Record Now 22-4, Still 11th in Div. III

By Paul Dill
HEAD COACH

The Varsity Men's Volleyball team pushed its overall record to 22-4 (14-2 NECVA) this past week with two more wins over conference foes. In their match against Johnson & Wales University, the Engineers controlled the first two games behind the offense of Robert M. McAndrew '05, who led the team with 18 kills for the match. The opposition fought back at the end of the third

game, however, taking a slight lead and earning a game point at 29-28 before MIT turned the tide and pulled out the game, 31-29, for the 3-0 victory. Jordan X. Wan '06 dished out 35 assists, while Matthew Ng '08 and Ryan G. Dean '08 anchored the defense with 13 and 12 digs, respectively. MIT's next opponent, Emmanuel College, fared no better, falling 3-0 as well. This time, the Engineers controlled the match from start to finish. McAndrew again led the way with 14 kills, while Bob G. Aspell '06 and Michelangelo A. Raimondi

'06 each added seven kills to the effort. Also, with his 38 assists in the match, Wan surpassed his own MIT record for assists in a single season, which he set last year at 1039. McAndrew also received conference honors for his impressive play during the week. He was named the NECVA New England Division Player of the Week and the NECVA Conference Player of the Week. NECVA is comprised of 32 Division III teams. MIT is currently ranked 11th nationally in Division III.

Gymnastics Records All-Time High Score, But Still Loses Meet

By Noah Riskin
HEAD COACH

Led by amazing all-around performances by Zachary M. Eisenstat '06 and Bradley J. Sutton '07, the Varsity Men's Gymnastics team posted an all-time-high team score of 184.1 — a full four points beyond their stated goal — during a recent loss to Springfield College.

Seasoned all-arounders Eisenstat and Sutton could not have done it alone, though. Matthew K. Heine '08 and Joshua S. Coblenz '08 have contributed consistently all season long. Co-captain Luis R. Perez '06 contributed with a brilliant performance on the rings, by far his best event, while co-captain Robert Joey Steininger '06, Cameron Sadegh '06, and YinFeng Shao '08 also proved once again to be critical to the success of the team.

The highlight of the afternoon was Eisenstat's performance of a new "V-Cross" skill. He began with an Iron Cross, in which a gymnast holds the rings, with straight arms perfectly perpendicular to his body,

for a full two seconds. He then added the difficult "V" position, in which a gymnast's straight legs are brought within inches of his nose. Under international rules, a gymnast may name a sufficiently original skill upon its competent demonstration in international competition. Although Saturday's contest was not an international competition, the MIT team has decided to name the skill the "Eisenstat" in its lexicon — a decision supported by Abe Grossfeld, a three-time Olympian and international judge who was at MIT to judge the event.

In the end, it was still the performance and attitude of the team that was most impressive. Performing with the poise and elegance of champions, the team is as focused, inspired, and deserving as any gymnastics team in recent MIT history.

With the ECAC Championships just around the corner — March 25 at Springfield College — the team appears able to average 180 points this season, a feat which should qualify MIT for USAG Nationals at Cornell in early April.

Students Pass Ice Dance Tests, Perform Very Well At Skating Competition

By Diana S. Cheng
CLUB MEMBER

Two MIT students competed at the 10th annual U.S. Figure Skating MIT Intercollegiate Competition, and four MIT Figure Skating Club members passed ice dance tests at the concurrent U.S. Figure Skating test session on March 12 at Johnson Ice Rink.

Sheila Tandon G won a bronze medal in an Intermediate solo dance field of seven competitors. Laura McKusick of Northeastern University won the event, and Tiffany Chen of Boston University placed second.

Tandon's previous training in ballet showed as she carried her arms gracefully throughout the dance. The compulsory dance for this event was the Ten Fox, and the half-ice pattern was skated twice around the rink. Tandon said she prefers skating the dances with a partner rather than solo, but the intercollegiate competitions do not have a partnered dance event.

Club president Adriana Tajonar '06 performed her solo program to a variation on Forever Tango's "Feliccia." She placed 10th out of 16 skaters in the Pre-Intermediate C competition, the equivalent of U.S. Figure Skating's Juvenile event. This year, Tajonar's coach, Heather Clark, worked with her on adding tango dance movements in between her jumps and spins, and Tajonar's program was artistically much improved from last year. Lynn McIntyre of Boston College placed first in Pre-Intermediate C, Meghan Reeves of the University of Delaware placed second, and Kristin Smith of Northeastern placed third.

Bonny Kellermann '77 began

organizing the MIT intercollegiate competition as a venue for full-time collegiate skaters to compete. It has evolved into being part of a series of three intercollegiate competitions qualifying the top collegiate teams in the region of the country for the U.S. Collegiate Team Skating Nationals.

Derek Bruening PhD '04 recently received his Bronze Singles/Pairs Test appointment as a U.S. Figure Skating judge, and the MIT intercollegiate competition was the first competition he has officially judged.

In addition, club test chair and postdoctoral lecturer Barb Cutler PhD '03 introduced a club test session at the beginning of this year's competition. Taking tests measures a skater's proficiency and improvement, and allows skaters to compete at the level of the passed test.

Cutler and Bruening passed their European Waltz dance to complete their Pre-Silver dance test. Passing each dance test level requires the passing of three compulsory dances in any order. Cutler and Bruening completed their Fourteenstep and Foxtrot, also Pre-Silver dances, in December 2002 and December 2003, respectively.

Tandon completed both the Pre-Bronze and Bronze dance test levels by passing four dances (Fiesta Tango, Hickory Hoedown, Willow Waltz, and Ten Fox) with her Gold-level partner Devon Manz G.

Also during the test session, Diana S. Cheng '04 passed the Rhythm Blues, completing her Preliminary dance test. She also passed two Pre-Bronze dances: Fiesta Tango and Swing Dance.

On March 19, the club is hosting another test session, for moves in the field tests and freestyle tests.



Jordan X. Wan '06 serves the ball against Harvard University on Wednesday night. Despite some good plays, the MIT Men's Volleyball team lost to Harvard 3-1.

The pineapples command you to join *The Tech*.



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join@the-tech.mit.edu

UPCOMING HOME EVENTS

Saturday, March 19

Varsity Men's Gymnastics vs. U.S. Military Academy
duPont Gymnasium, 1 p.m.